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Leading Causes of Mortality  
North Carolina Vital Statistics 1979, Volume 2  
(Abbreviated)



**State Center For Health Statistics**  
**N.C. Department of Human Resources**  
**Division of Health Services**



STATE OF NORTH CAROLINA

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DEPARTMENT OF HUMAN RESOURCES

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DIVISION OF HEALTH SERVICES

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Acting Director

July 1981

LEADING CAUSES OF MORTALITY  
NORTH CAROLINA VITAL STATISTICS 1979, VOLUME 2  
(ABBREVIATED)

Department of Human Resources  
Division of Health Services  
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Raleigh, North Carolina 27602





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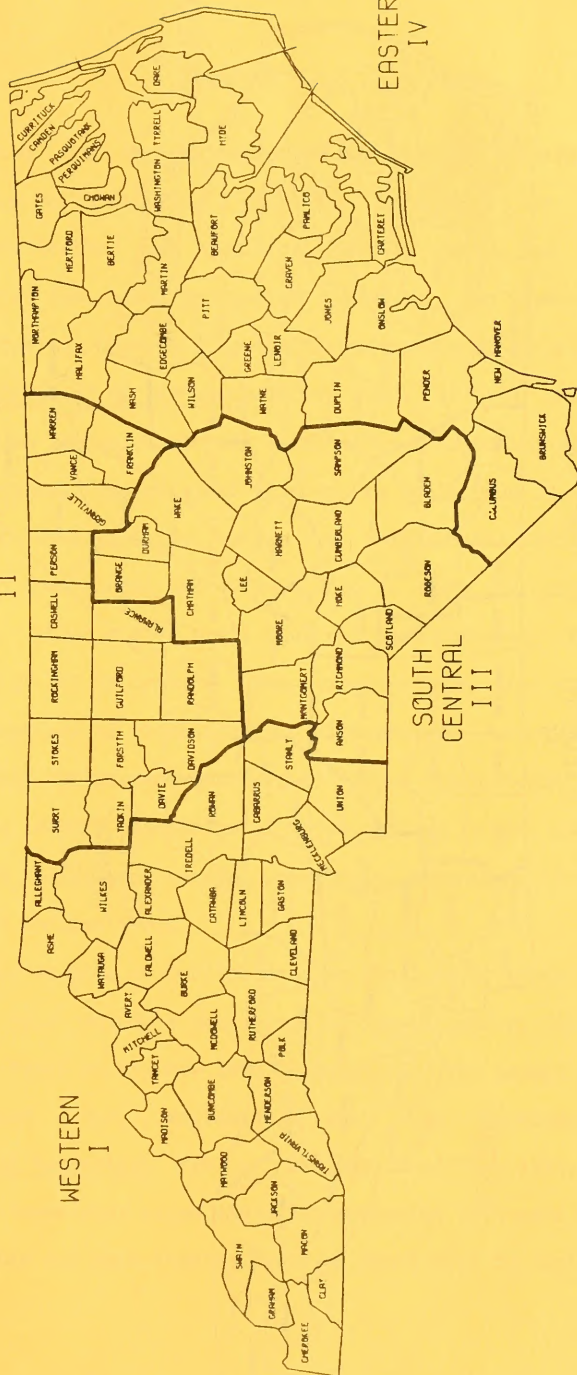
# NORTH CAROLINA DHR REGIONS

## NORTH CENTRAL II

## WESTERN I

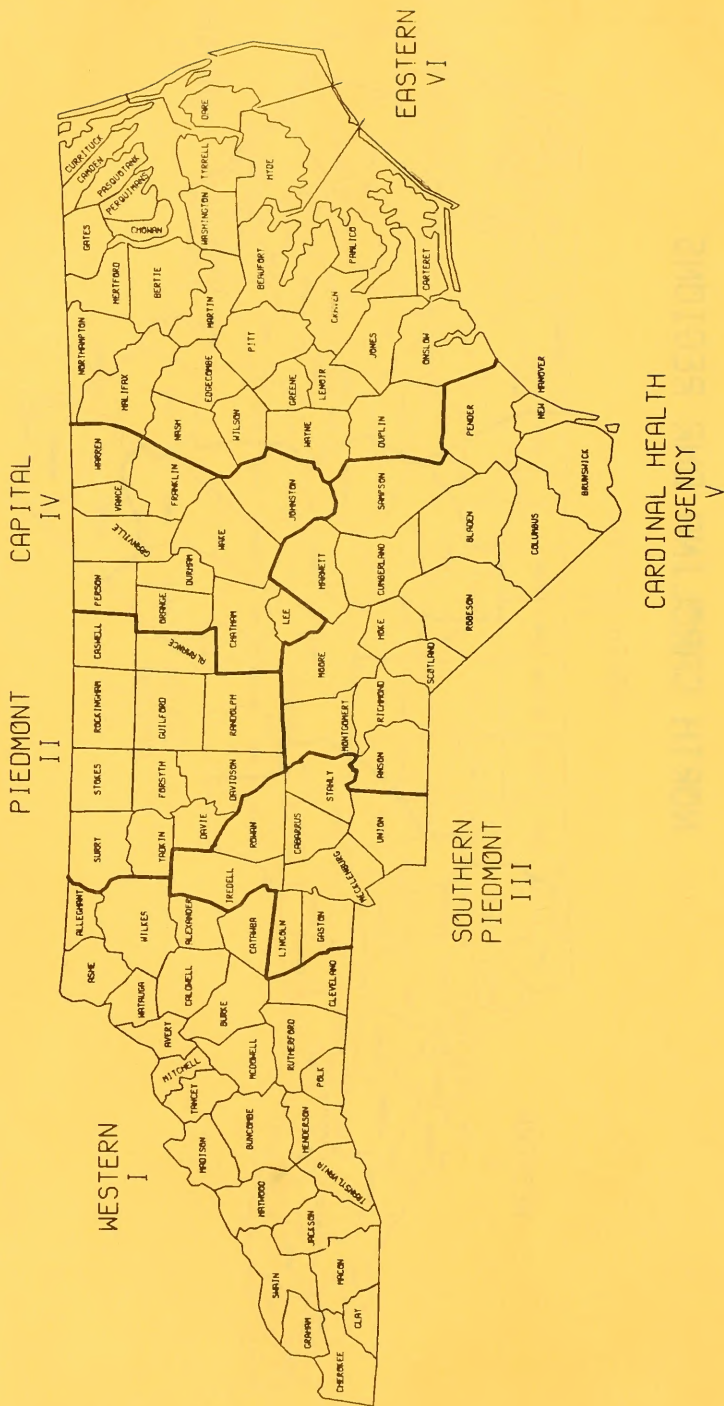
## EASTERN IV

## SOUTH CENTRAL III





# NORTH CAROLINA HEALTH SERVICE AREAS



## PREFACE

The State Center for Health Statistics has produced triennially a major publication describing North Carolina's mortality experience for a five-year period. Such a publication was due for 1975-79 data, but an important development has altered the normal production schedule. On January 1, 1979 death certificate coding changed from the Eighth to the Ninth Revision of the International Classification of Diseases (ICD). Thus, 1975-78 and 1979 data cannot be combined to produce five-year rates without adjusting for changes in the classification system. The original plan was to await the publication of age-race-sex-specific comparability ratios by the National Center for Health Statistics (NCHS) and then adjust the 1975-78 data to make it congruent with 1979 death coding. These ratios still have not been released. Further, NCHS has recently advised us not to combine data years across the two revisions because of some substantial classification differences. As a result, we have decided to proceed with the present abbreviated volume which contains only 1979 data. Included is a lengthy discussion of major changes in the ICD that affect the causes of death portrayed herein, which is essential background for comparison of 1979 to earlier years.

Later this year we plan to publish another single-year abbreviated volume for 1980 data, which will include a comparison of rates based on 1980 population projections to rates based on the new 1980 Census data. The impact of errors in pre-1980 projections and estimates will be discussed. The 1981 Leading Causes of Mortality, due to be published in 1982, will resume standard format with three-year rates (1979-81) replacing five-year rates. Maps and a narrated analysis for each leading cause of death will be included in this 1981 volume.

The tables of this volume provide selected 1979 mortality statistics for counties, Department of Human Resources regions, Health Services Areas, and the state (see maps on preceding pages). More than a dozen of North Carolina's leading causes of mortality are depicted in these tables; in addition, various cancer sites and total infant mortality are included. Table A on page 5 describes the cause of death categories in terms of codes from the Eighth and Ninth revisions of the ICD.

Multiple conditions present at death for 1979 and 1980 will be portrayed in a special publication, and 1981 multiple conditions data will be resumed in the standard 1981 volume.

In using this volume, particular attention is called to the caution at the end of Section I.



## I. COMPUTATION OF MORTALITY RATES

In this report, total death rates are expressed as resident deaths per 1,000 population while all cause-specific mortality rates are expressed as resident deaths per 100,000 population. The infant mortality rates of Table 27 are computed as the number of resident deaths per 1,000 resident live births. Population projections for the rates of this report were provided by the Office of State Budget and Management of the North Carolina Department of Administration.

Vital events in this report are allocated to place of residence. For deaths of inmates of long-term institutions (mental, penal, old age, orphan, nursing home, rest home, etc.), the institution is considered the usual residence provided the decedent had resided in the institution at least one year. College students and military personnel are considered residents of the college or military community.

The reader is strongly cautioned against placing too much faith in the one-year death rates in this volume. For a specific county and cause, where the numbers are small, there may be large random fluctuations from year to year that do not comprise a significant trend. A useful rule is that any rate based on fewer than 20 deaths in the numerator will have a 95 percent confidence interval which is about as wide as the rate itself (1). This means that all we could confidently say about an area with 20 deaths out of, for example, 10,000 population is that the true rate is between 10 and 30 deaths per 10,000 population (or 100 and 300 deaths per 100,000). Multi-year rates are preferred in assessing patterns and trends at this level, but these are not yet available due to the change in the disease classification system. It was considered more desirable to cautiously publish one-year data than to publish none at all.



## II. CHANGES IN THE CAUSE-OF-DEATH CLASSIFICATION SYSTEM

About every 10 years since 1900, what is now the International Classification of Diseases (ICD) is revised in order to incorporate the latest state-of-the-art in disease classification. Each revision produces some break in the comparability of cause-of-death statistics, and the Ninth Revision--first applied to 1979 deaths--is no exception. In fact, there are some serious breaks in comparability for a number of causes.

In order to interpret mortality trends, the National Center for Health Statistics (NCHS) provides national estimates of the discontinuity associated with a change in the ICD. To date, these "ratios of comparability" between the Eighth and Ninth revisions have been reported for 72 selected causes of death and 10 selected causes of infant death (2). More detailed analyses, including the construction of age-race-sex-specific ratios for each of 72 causes, are in progress.

### Methodology

The method used by NCHS to construct comparability ratios was recommended by the International Conference for the Sixth Revision of the ICD which convened in France in 1948. In the present case, the comparability ratios are based on (a) all deaths in 1976 coded according to the Eighth Revision and (b) a sample of the 1976 deaths coded according to the Ninth Revision. For a particular cause, the denominator of the ratio is given by (a) while the numerator is an annual estimate derived from (b) of the number of 1976 deaths assigned to the comparable Ninth Revision cause. Data year 1976 was the most recent available at the time these ratios were constructed.

Once constructed, a ratio is applied to the number of deaths or death rate under the preceding revision. The ratio examined here may be applied to the years 1968 through 1978 inclusive although there is no guarantee that ratios for



1976 are applicable to other years. U.S. ratios also may not be applicable to a particular state, as will be seen, much less to a particular county. However, the acquisition of age-race-sex-specific ratios from NCHS (promised by 1982) should allow a state or county to compute more realistic ratios for the particular area and over time. In the meantime, examination of the U.S. ratios for the causes of this volume (certain site-specific cancers excluded) will reveal major changes in the ICD.

### Comparability Ratios

A ratio of 1.0000 indicates that the same number of deaths was assigned to a particular underlying cause whether the Eighth or Ninth Revision was used. This can result from a perfect correspondence between the revisions or from compensating changes. Usually, a ratio of less than 1.0000 results from decreased assignments to the cause or from the Ninth Revision category representing only a part of the Eighth Revision category with which it is compared. Finally, a ratio of more than 1.0000 results from increased assignments to the cause or from the Ninth Revision category being broader than the Eighth Revision category with which it is compared. Table A shows the corresponding Eighth and Ninth revision codes and U.S. comparability ratios for selected causes. Note that ratios for site-specific cancers are available only for breast cancer (1.0089) and leukemia (1.0070).

### Major ICD Changes for Volume 2 Causes

The following summary of changes addresses causes in the order of their appearance in Table A. Some causes where the comparability ratio is very close to 1.0000 are omitted.

- Despite internal changes, heart disease as an entire entity did not change very much. The comparability ratio of 1.0126 involves the transfer of unspecified heart failure from "symptoms and ill-defined conditions" (Eighth Revision 782.4).



Table A

Comparable Category Numbers for Selected Leading Causes of Death According to the Ninth and Eighth Revisions of the International Classification of Diseases with Comparability Ratios

Cause of Death (Ninth Revision)	Category Numbers According to the Ninth Revision	Category Numbers According to the Eighth Revision	Comparability Ratio
Diseases of Heart . . . . .	390-398, 402, 404-429	390-398, 402, 404, 410-429	1.0126
Acute Myocardial Infarction . . . . .	410	410	1.0003
Other Ischemic Heart Disease . . . . .	411-414	411-413	.7592
Hypertension with or without Renal Disease . . . . .	401, 403	400, 401, 403	1.2703
Cerebrovascular Diseases . . . . .	430-438	430-438	1.0049
Atherosclerosis . . . . .	440	440	1.0649
Cancer . . . . .	140-208	140-209	1.0026
Diabetes Mellitus . . . . .	250	250	.9991
Pneumonia and Influenza . . . . .	480-487	470-474, 480-486	.9264
Chronic Obstructive Pulmonary Disease and Allied Conditions . . . . .	490-496	490-493	1.8846
Chronic Liver Disease and Cirrhosis . . . . .	571	571	1.0110
Nephritis, Nephrotic Syndrome, and Nephrosis . . . . .	580-589	580-584	1.7397
Motor Vehicle Accidents . . . . .	810-825	810-823	1.0117
Other Accidents and Adverse Effects . . . . .	800-807, 826-949	800-807, 825-949	.9841
Suicide . . . . .	950-959	950-959	1.0032
Homicide and Legal Intervention . . . . .	960-978	960-978	1.0057

- A major problem appears in the category other ischemic heart disease where a ratio of .7592 is due to the removal from this category of "cardiovascular disease, unspecified" (Eighth Revision 412.4) and "cardiovascular disease without mention of chronic ischemic heart disease, with hypertensive disease" (Eighth Revision 412.2).
- For hypertension, the comparability ratio of 1.2703 results from revised rules regarding the treatment of hypertension in combination with cardiovascular disease (CVD). In the Eighth Revision, hypertension always linked with CVD to become "hypertensive heart disease." In the Ninth Revision, this linkage occurs only when it is stated that the CVD is due to hypertension, and otherwise, the death is assigned to hypertension.
- The Eighth Revision fourth digits denoting the presence of hypertension in ischemic heart and cerebrovascular diseases no longer exist, making it impossible to count mentions of hypertension exactly as before. The new fourth digits for hypertensive disease indicate whether the disease was specified as malignant, benign, or neither.
- The ratio of 1.0649 for atherosclerosis (formerly arteriosclerosis) is due to changes in linkage rules. These changes affect underlying counts only, not mentions.
- For cancer as a whole, the Eighth and Ninth Revisions are virtually the same. However, malignant neoplasms specified as secondary are now coded to "unspecified site" rather than to the secondary site. Reductions in site-specific deaths that are due to this change cannot presently be quantified; NCHS promises comparability ratios at this level of detail late this year. However, for the state as a whole, only cancer of the pancreas and cancer of the cervix uteri show noticeable reductions between 1978 and 1979 (10.9 and 16.7 percent respectively).
- The comparability ratio of .9264 for pneumonia and influenza (formerly, influenza and pneumonia) is due largely to the removal from this category of deaths attributed to congenital, aspiration or acute interstitial pneumonia.
- The NCHS ratio of 1.8846 for chronic obstructive pulmonary diseases and allied conditions is intended to make Eighth Revision deaths due to bronchitis, emphysema, and asthma (Eighth Revision 490-493) comparable to the expanded Ninth Revision category (490-496) which includes two new components--

bronchiectasis (Eighth Revision 518) and unspecified chronic obstructive lung disease (Eighth Revision 519.3). The 1978 Leading Causes of Mortality had already added in 519.3 to form an expanded category, so the ratio of 1.8846 is only applicable to bronchitis, emphysema, and asthma figures from 1977 and earlier volumes.

- The category chronic liver disease and cirrhosis (formerly, cirrhosis of the liver) now includes alcoholic liver damage unspecified and other unspecified chronic liver disease.
- With a ratio of 1.7397, the large increase in the number of deaths assigned to nephritis, nephrotic syndrome and nephrosis (formerly, nephritis and nephrosis) results from the Ninth Revision's inclusion of uremia, acute tubular nephrosis, and renal failure, not otherwise stated.
- The category motor vehicle accidents now includes specific codes for nontraffic accidents involving a motor-driven snow vehicle or other off-road motor vehicle. The code for streetcar accidents has been removed.
- A reduction in deaths attributed to other accidents and adverse effects is due to new rules whereby an adverse effect takes precedence over the external cause. For example, aplastic anemia resulting from the administration of chloromycetin is coded to aplastic anemia in the Ninth Revision as opposed to "surgical and medical complications and misadventures" in the Eighth Revision.

In sum, the Volume 2 categories substantially affected by the ICD revision, and for which comparisons to 1978 and earlier years should be made very carefully using the comparability ratios, are: other ischemic heart disease; hypertension; pneumonia and influenza; chronic obstructive lung disease; and nephritis, nephrotic syndrome, and nephrosis.

#### Evaluation of Comparability Ratios

Table B applies the U.S. comparability ratios to N.C. deaths during 1975 through 1978 and compares the percent change in unadjusted deaths from 1977 to 1978 to the percent change in deaths from 1978 (adjusted) to 1979 (actual). Where there is a large difference between the two percent changes, we may



Table B  
1975-1978 Adjusted and 1979  
Actual Deaths with Percent Changes  
North Carolina, 1979

Cause	Ratio-adjusted Deaths				1979 Deaths	Percent Differences	
	1975	1976	1977	1978		1977 and 1978 Unadjusted Deaths*	1978 Adjusted and 1979 Actual Deaths
Diseases of Heart	16,820	17,029	17,142	17,665	17,337	+ 3.0	- 1.9
Acute Myocardial Infarction	8,401	8,342	8,219	8,325	8,076	+ 1.3	- 3.0
Other Ischemic Heart Disease	4,930	5,072	5,131	5,362	4,698	+ 4.5	-12.4
Hypertension with or without Renal Disease	221	255	231	183	230	-20.9	+25.7
Cerebrovascular Diseases	5,277	5,066	5,047	4,716	4,688	- 6.6	- 0.6
Atherosclerosis	607	617	667	654	577	- 1.9	-11.8
Cancer	7,865	8,266	8,605	8,935	9,099	+ 3.8	+ 1.8
Diabetes Mellitus	862	867	819	795	799	- 2.9	+ 0.5
Pneumonia and Influenza	1,296	1,252	1,244	1,323	1,053	+ 6.3	-20.4
Chronic Obstructive Pulmonary Disease and Allied Conditions	976	954	918	873	1,088	+14.2	+24.6
Chronic Liver Disease and Cirrhosis	737	666	726	657	711	- 9.5	+ 8.2
Nephritis, Nephrotic Syndrome, and Nephrosis	431	440	538	494	445	- 8.1	- 9.9
Motor Vehicle Accidents	1,542	1,588	1,457	1,510	1,537	+ 3.7	+ 1.8
Other Accidents and Adverse Effects	1,707	1,551	1,637	1,622	1,512	- 0.9	- 6.8
Suicide	740	683	734	658	703	-10.4	+ 6.8
Homicide and Legal Intervention	783	687	636	664	667	+ 4.4	+ 0.5

\*Unadjusted numbers are from the 1977 and 1978 Leading Causes of Mortality, and may be obtained by dividing the numbers in this table by the comparability ratios in Table A.



suspect that the comparability ratio does not sufficiently adjust for classification changes. Large differences (greater than 10 percent) appear for other ischemic heart disease, hypertension, pneumonia and influenza, chronic obstructive pulmonary disease, chronic liver disease and cirrhosis, and suicide. In all of these cases except chronic obstructive pulmonary disease, there is reversal of sign between the two percent changes, and the difference is as great as 46.6 percentage points for hypertension. For hypertension as underlying cause, the 1978 death figure appears to be an aberration with the 1979 figure much more in line with earlier years. This illustrates the potential problem of using death data for a single year, especially for the less frequent causes. Suicide and liver disease deaths have also fluctuated substantially from year to year. For pneumonia and influenza, it appears that 1978 and earlier deaths should be downward adjusted by more than .9268 in order to bring them in line with the Ninth Revision coding rules.

One way to directly evaluate the validity of using the U.S. comparability ratios for North Carolina is to directly compare adjusted deaths to the actual Eighth Revision codes that correspond to the new Ninth Revision category. This comparison for chronic obstructive pulmonary diseases is given below.

	<u>1976</u>	<u>1977</u>	<u>1978</u>
Ratio-adjusted deaths (1.8846 applied to Eighth Revision 490-493)	954	918	873
Actual deaths due to Eighth Revision 490-493, 518, 519.3	1,024	1,075	1,236

For North Carolina, the comparability ratio fails to compensate for the additional deaths due to 518 and 519.3. This is apparent also in Table B. And the discrepancy has increased as certifiers use more and more the term "chronic obstructive pulmonary disease" in lieu of a more definitive diagnosis--a prime

example of how a ratio based on a single year's deaths may not be applicable to other years. It is therefore suggested that the NCHS ratio not be used in this case, but rather, actual deaths due to Eighth Revision codes 490-493, 518, and 519.3 should be determined and compared to Ninth Revision codes 490-496.

The data in Table B suggest that the comparability ratio for other ischemic heart disease does not go far enough in downward-adjusting N.C. deaths. A comparison of adjusted and actual deaths, shown below, points to the same conclusion.

	<u>1976</u>	<u>1977</u>	<u>1978</u>
Ratio-adjusted deaths (.7592 applied to Eighth Revision 411-413)	5,072	5,131	5,362
Actual deaths due to Eighth Revision 411,412.1,412.3,413	4,320	4,337	4,622

The discrepancy here appears related to N.C.'s greater assignment to Eighth Revision 412.2 and 412.4 (diagnoses left out of the Ninth Revision category), i.e., these categories accounted for 14 percent of N.C heart disease deaths in 1976 compared to 11 percent of U.S. heart disease deaths. Again, actual counts in the appropriate Eighth Revision categories would be preferable to the use of the U.S. ratio in North Carolina. These counts may be obtained from our Detailed Mortality Statistics volumes and corresponding county printouts or microfiche.

Most classification changes do not lend themselves to the type of accounting used for these two cause groups since subcategories of four-digit codes are in many cases involved and these are not readily quantifiable. Though we have pointed out the major discontinuities for the causes of this volume, the reader should be aware of other changes reported by NCHS for these causes and for other categories (2).

### III. NORTH CAROLINA MORTALITY PATTERNS AND TRENDS

A full-scale analysis of recent mortality patterns and trends will be postponed until publication of the 1981 Leading Causes of Mortality volume when three years of information (1979-81) will be available (see PREFACE). Only 1979 data are shown in this volume, and mortality rates based on just one year of information may be unstable. Conclusions about trends based on single-year rates may thus be invalid. In addition, new population figures based on the 1980 Census should be available in time for the 1981 volume, providing a better basis for more extensive analysis at that time. Also, the change in ICD coding that began in 1979 further confounds an in-depth look at mortality trends using only 1979 data as the endpoint. As a result, this section will just point out some of the major mortality differentials using 1979 data and then briefly view broad trends from 1975 to 1979.

Table C shows that in 1979 heart disease, cancer, and cerebrovascular disease were still the three leading causes of mortality for North Carolina as a whole. Total accidents was the fourth leading cause of death, and--except for the two subcategories of heart disease--cancer of the trachea, bronchus, and lung was the next most frequent cause of death.

Within the general pattern of mortality, significant subgroup differences may be concealed. Race and sex are two important dimensions of variation. Table C shows that nonwhite males have much higher overall mortality than the average, and this difference is particularly notable in mortality from stomach and prostate cancer, liver diseases, accidents, and homicide. The rate of death from homicide for nonwhite males is over four times that for white males. Nonwhite males and females have substantially higher death rates due to hypertension, diabetes, and nephritis/nephrosis than do whites. Males are much



more likely to die from heart disease, lung cancer, chronic obstructive pulmonary disease, and violent causes, with white males particularly at risk of death from heart disease. Verification of these statewide patterns at the county level should be done with caution, since for a single year (1979) numbers may be too small to produce stable race-sex-cause rates.

Table C  
Deaths per 100,000 Population for  
Leading Causes of Mortality by Race and Sex  
North Carolina, 1979

	<u>Total</u>	<u>White Male</u>	<u>White Female</u>	<u>Nonwhite Male</u>	<u>Nonwhite Female</u>
Heart Disease	309.3	380.1	262.5	307.5	244.6
Acute Myocardial Infarction	144.1	208.1	110.5	120.8	77.5
Other Ischemic Heart Disease	83.8	99.3	75.0	79.1	68.9
Hypertension	4.1	2.8	2.4	9.4	9.0
Cerebrovascular Disease	83.6	68.7	95.8	91.7	82.7
Atherosclerosis	10.3	7.9	12.4	11.5	9.9
Cancer	162.3	186.4	139.5	203.9	124.6
Stomach	5.3	5.3	3.1	11.6	6.5
Colon, Rectum, and Anus	18.4	18.6	19.4	15.2	17.4
Pancreas	8.2	9.1	7.5	8.4	7.4
Trachea, Bronchus, and Lung	39.7	68.1	16.8	59.7	8.9
Female Breast	25.7	-	26.6	-	22.8
Cervix Uteri	4.3	-	3.5	-	6.8
Ovary and other Uterine Adnexa	8.0	-	9.0	-	5.1
Prostate	21.2	17.3	-	34.2	-
Leukemia	6.7	8.5	6.4	5.2	3.3
Diabetes Mellitus	14.3	11.9	11.8	19.1	25.0
Pneumonia and Influenza	18.8	20.4	18.6	23.4	10.3
Chronic Obstructive Pulmonary Disease	19.4	33.1	11.7	17.1	4.6
Chronic Liver Disease and Cirrhosis	12.7	16.4	6.5	22.6	12.3
Nephritis, Nephrotic Syndrome, and Nephrosis	7.9	7.3	5.2	13.7	13.6
Motor Vehicle Accidents	27.4	39.4	13.5	51.8	13.3
All Other Accidents	27.0	34.2	13.4	55.9	22.1
Suicide	12.5	22.3	6.9	10.7	2.5
Homicide	11.9	11.4	3.7	47.0	8.3
All Causes	832.0	950.2	690.0	1072.6	709.3

Table D displays percent changes in death rates from 1975 to 1979. The published 1975 rates have been adjusted using the comparability ratios in Table A before computing the percent change in order to help correct for differences in ICD coding between the two years. Site-specific cancers are not shown since comparability ratios are not yet available for most of the sites in this volume. This table indicates a substantial decline in mortality over the five-year period for most causes, though an increase in the cancer death rate combined with no change in overall heart disease result in very little change in the



total death rate. The death rates for cancer and chronic obstructive pulmonary disease increased substantially over the five years, and analysis from past volumes has shown that a rising lung cancer death rate is an important component of the overall cancer increase. Thus, some constellation of factors has led to a recent increase in the risk of death from chronic diseases of the lung, and this clearly poses a challenge to the health community in North Carolina.

Again, short and longer term trends in mortality will be reviewed in much more detail in the 1981 edition of Leading Causes of Mortality.

Table D  
Percent Change in Death Rates  
by Leading Causes for North Carolina,  
1975 (adjusted) to 1979

Heart Disease	0.2
Acute Myocardial Infarction	- 6.5
Other Ischemic Heart Disease	- 7.3*
Hypertension	1.2
Cerebrovascular Disease	-13.6
Atherosclerosis	- 7.5
Cancer	12.5
Diabetes Mellitus	- 9.6
Pneumonia and Influenza	-21.0
Chronic Obstructive Pulmonary Disease	8.4*
Chronic Liver Disease and Cirrhosis	- 6.3
Nephritis, Nephrotic Syndrome, and Nephrosis	0.9
Motor Vehicle Accidents	- 3.3
All Other Accidents	-13.7
Suicide	- 7.7
Homicide	-17.2
All Causes	- 0.8

\*If the actual Eighth Revision categories that correspond to the Ninth Revision group are used to compute the 1975 rate instead of using the comparability ratio (as is suggested in Section II), the percent change for other ischemic heart disease is +10.7, and the percent change for chronic obstructive pulmonary disease (COPD) is +9.6. Thus, the COPD comparability is a reasonable approximation as early as 1975 (though not in 1978) while the comparability ratio for other ischemic heart disease should be lower.



IV. TABLES: MORTALITY STATISTICS FOR 1979





TABLE 1  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS

TOTAL DEATHS (PER 1000 POPULATION)

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	46640	8.31	HALIFAX	587	10.62
REGIONS			HARNETT	523	9.35
DHR I WESTERN	16046	8.37	HAYWOOD	426	9.56
DHR II N. CENTRAL	10323	8.57	HENDERSON	549	10.37
DHR III S. CENTRAL	9939	7.81	HERTFORD	197	7.91
DHR IV EASTERN	10332	8.49	HOKE	126	6.73
			HYDE	64	11.24
HSA I WESTERN	8522	8.85	IREDELL	677	8.41
HSA II PIEDMONT	8886	8.36	JACKSON	195	7.80
HSA III S. PIEDMONT	7524	7.90	JOHNSTON	692	10.31
HSA IV CAPITAL	6265	8.11	JONES	92	9.68
HSA V CARDINAL	6834	8.10	LEE	347	9.90
HSA VI EASTERN	8609	8.49	LENOIR	570	9.61
			LINCOLN	305	7.76
COUNTIES			MCDOWELL	271	7.84
ALAMANCE	884	8.90	MACON	207	10.38
ALEXANDER	171	7.42	MADISON	160	9.25
ALLEGHANY	95	10.57	MARTIN	230	9.04
ANSON	228	9.46	MECKLENBURG	2771	7.15
ASHE	199	9.60	MITCHELL	139	10.01
AVERY	119	8.43	MONTGOMERY	236	11.77
BEAUFORT	447	11.06	MOORE	502	11.15
BERTIE	231	11.08	NASH	608	8.99
BLADEN	270	9.29	NEW HANOVER	814	8.46
BRUNSWICK	251	7.69	NORTHAMPTON	236	10.20
BUNCOMBE	1546	9.96	ONSLow	409	3.60
BURKE	491	7.58	ORANGE	422	6.08
CARARRUS	737	9.05	PAMLICO	98	9.82
CALDWELL	458	7.45	PASQUOTANK	251	8.71
CAMDEN	55	9.27	PENDER	193	8.74
CARTERET	356	9.48	PERQUIMANS	102	11.21
CASWELL	165	8.70	PERSON	246	8.94
CATAWBA	768	7.49	PITT	688	8.44
CHATHAM	286	9.05	POLK	182	14.42
CHEROKEE	174	9.92	RANDOLPH	637	7.47
CHOWAN	141	11.73	RICHMOND	405	9.51
CLAY	61	10.17	ROBESON	840	8.91
CLEVELAND	690	8.84	ROCKINGHAM	761	9.87
COLUMBUS	465	9.05	ROWAN	840	8.83
CRAVEN	505	7.48	RUTHERFORD	505	9.71
CUMBERLAND	1259	5.44	SAMPSON	445	8.97
CURRITUCK	77	6.85	SCOTLAND	277	9.03
DARE	95	8.45	STANLY	444	9.69
DAVIDSON	836	7.99	STOKES	253	8.35
DAVIE	181	7.94	SURRY	528	9.40
DUPLIN	388	9.77	SWAIN	98	9.36
DURHAM	1273	8.74	TRANSYLVANIA	179	8.08
EDGEcombe	487	8.68	TYRRELL	53	13.12
FOPSYTH	1931	8.29	UNION	436	6.59
FRANKLIN	329	11.40	VANCE	383	11.02
GASTON	1314	8.35	WAKE	1808	6.40
GATES	83	9.79	WARREN	181	10.61
GRAHAM	62	8.68	WASHINGTON	135	9.14
GRANVILLE	298	9.15	WATAUGA	222	7.99
GREENE	141	9.16	WAYNE	703	7.59
GUILFORD	2489	8.07	WILKES	440	7.87
			WILSON	580	9.34
			YADKIN	221	8.10
			YANCEY	115	7.85

\* SEE SECTION I

TABLE 2  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
DISEASES OF HEART

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	17337	309.25	HALIFAX	212	383.0
REGIONS			HARNEY	196	350.0
DHR I WESTERN	6153	321.26	HAYWOOD	165	370.0
DHR II N. CENTRAL	3836	318.74	HENDERSON	199	376.0
DHR III S. CENTRAL	3637	285.97	HERTFORD	69	277.0
DHR IV EASTERN	3711	305.28	Hoke	45	240.0
HSA I WESTERN	3322	345.02	HYDE	19	333.0
HSA II PIEDMONT	3294	309.94	IREDELL	279	346.0
HSA III S. PIEDMONT	2831	297.25	JACKSON	72	288.0
HSA IV CAPITAL	2329	301.83	JOHNSTON	298	444.0
HSA V CARDINAL	2476	293.67	JONES	29	305.0
HSA VI EASTERN	3085	304.42	LEE	144	410.0
COUNTIES			LENOIR	214	361.0
ALAMANCE	351	353.57	LINCOLN	110	280.0
ALEXANDER	52	225.93	MCDOWELL	105	304.0
ALLEGHANY	32	356.10	MACON	71	356.0
ANSON	101	419.15	MADISON	67	387.0
ASHE	94	453.62	MARTIN	86	338.0
AVERY	51	361.62	MECKLENBURG	983	253.0
BEAUFORT	165	408.27	MITCHELL	57	410.0
BERTIE	107	513.48	MONTGOMERY	97	483.0
BLADEN	102	351.31	MOORE	184	408.0
BRUNSWICK	95	291.41	NASH	192	284.0
BUNCOMBE	585	377.07	NEW HANOVER	306	318.0
BURKE	174	268.66	NORTHAMPTON	90	389.0
CABARRUS	282	346.56	ONSLOW	143	125.0
CALDWELL	173	281.63	ORANGE	138	198.0
CAMDEN	17	286.62	PAMLICO	44	441.0
CARTERET	145	386.51	PASQUOTANK	80	277.0
CASWELL	69	363.84	PENDER	68	308.0
CATAWBA	299	291.75	PERQUIMANS	33	362.0
CHATHAM	116	367.42	PERSON	89	323.0
CHEROKEE	60	342.13	PITT	264	322.0
CHOWAN	39	324.70	POLK	62	491.0
CLAY	24	400.20	RANDOLPH	245	287.0
CLEVELAND	317	406.56	RICHMOND	150	352.0
COLUMBUS	157	305.87	ROBESON	273	285.0
Craven	164	243.00	ROCKINGHAM	263	347.0
CUMBERLAND	429	185.69	ROWAN	333	350.0
CURRITUCK	32	284.72	RUTHERFORD	199	383.0
DARE	41	365.09	SAMPSON	172	346.0
DAVIDSON	330	315.51	SCOTLAND	101	329.0
DAVIE	69	302.97	STANLY	165	360.0
DUPLIN	144	362.94	STOKES	87	287.0
DURHAM	482	331.13	SURRY	195	347.0
EDGEcombe	162	289.03	SWAIN	43	410.0
FORSYTH	710	304.89	TRANSYLVANIA	75	338.0
FRANKLIN	139	481.95	TYRRELL	23	565.0
GASTON	527	335.16	UNION	152	230.0
GATES	32	377.67	VANCE	136	391.0
GRAHAM	23	322.35	WAKE	609	215.0
GRANVILLE	114	350.24	WARREN	64	375.0
GREENE	46	299.05	WASHINGTON	59	399.0
GUILFORD	895	290.31	WATAUGA	81	291.0
			WAYNE	257	277.0
			WILKES	205	366.0
			WILSON	177	285.0
			YADKIN	80	293.0
			YANCEY	37	252.0

\* SEE SECTION I

TABLE 3  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
ACUTE MYOCARDIAL INFARCTION

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	8076	144.05	HALIFAX	95	171.97
REGIONS			HARNETT	94	168.19
DHR I WESTERN	2933	153.14	HAYWOOD	91	204.21
DHR II N. CENTRAL	1842	153.05	HENDERSON	80	151.20
DHR III S. CENTRAL	1633	128.40	HERTFORD	32	128.49
DHR IV EASTERN	1668	137.21	HOKE	22	117.62
			HYDE	10	175.71
HSA I WESTERN	1605	166.69	IREDELL	139	172.69
HSA II PIEDMONT	1572	147.91	JACKSON	41	164.19
HSA III S. PIEDMONT	1328	139.43	JOHNSTON	91	135.70
HSA IV CAPITAL	992	128.56	JONES	9	94.78
HSA V CARDINAL	1237	146.72	LEE	78	222.60
HSA VI EASTERN	1342	132.42	LENOIR	109	183.93
COUNTIES			LINCOLN	62	157.90
ALAMANCE	187	188.37	MCDOWELL	58	167.96
ALEXANDER	23	99.93	MACON	34	170.61
ALLEGHANY	20	222.56	MADISON	35	202.51
ANSON	58	240.70	MARTIN	20	78.65
ASHE	45	217.16	MECKLENBURG	355	91.71
AVERY	31	219.81	MITCHELL	27	194.58
BEAUFORT	84	207.84	MONTGOMERY	53	264.33
BERTIE	50	239.94	MOORE	104	231.05
BLADEN	50	172.21	NASH	92	136.14
BRUNSWICK	51	156.44	NEW HANOVER	160	166.30
BUNCOMBE	245	157.91	NORTHAMPTON	37	159.97
BURKE	102	157.49	ONSLOW	63	55.47
CABARRUS	169	207.69	ORANGE	55	79.25
CALDWELL	94	153.02	PAMLICO	19	190.47
CAMDEN	6	101.16	PASQUOTANK	25	86.83
CARTERET	76	202.58	PENDER	39	176.79
CASWELL	31	163.46	PERQUIMANS	13	142.90
CATAWBA	184	179.54	PERSON	45	163.57
CHATHAM	69	218.55	PITT	97	118.99
CHEROKEE	33	188.17	POLK	21	166.49
CHOWAN	16	133.21	RANDOLPH	146	171.25
CLAY	12	200.10	RICHMOND	57	133.90
CLEVELAND	144	184.68	ROBESON	140	148.50
COLUMBUS	76	148.06	ROCKINGHAM	120	155.68
CRAVEN	55	81.49	ROWAN	173	181.96
CUMBERLAND	195	84.40	RUTHERFORD	93	179.00
CURRITUCK	9	80.07	SAMPSON	89	179.43
DARE	14	124.66	SCOTLAND	49	159.79
DAVIDSON	145	138.63	STANLY	90	196.46
DAVIE	39	171.24	STOKES	44	145.38
DUPLIN	83	209.19	SURRY	98	174.54
DURHAM	206	141.52	SWAIN	19	181.48
EDGECOMBE	74	132.02	TRANSYLVANIA	41	185.14
FORSYTH	325	139.56	TYRRELL	9	222.88
FRANKLIN	80	277.38	UNION	75	113.52
GASTON	265	168.53	VANCE	59	169.79
GATES	10	118.02	WAKE	223	78.99
GRAHAM	11	154.16	WARREN	33	193.52
GRANVILLE	53	162.83	WASHINGTON	12	81.30
GREENE	24	156.02	WATAUGA	51	183.65
GUILFORD	398	129.09	WAYNE	121	130.64
			WILKES	47	84.10
			WILSON	78	125.66
			YADKIN	39	143.06
			YANCEY	23	157.07

\* SEE SECTION I



TABLE 4  
MORTALITY STATISTICS FOR 1979

NORTH CAROLINA RESIDENTS

OTHER FORMS OF ISCHEMIC HEART DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE 1979
NORTH CAROLINA	4698	83.80	HALIFAX	65	117.8
REGIONS			HARNETT	62	110.0
OHR I WESTERN	1633	85.26	HAYWOOD	42	94.4
OHR II N. CENTRAL	979	81.34	HENDERSON	85	160.0
OHR III S. CENTRAL	1063	83.58	HERTFORD	7	28.0
OHR IV EASTERN	1023	84.15	HOKE	11	58.0
			HYOE	3	52.0
HSA I WESTERN	889	92.33	IREDELL	74	91.0
HSA II PIEDMONT	895	84.21	JACKSON	13	52.0
HSA III S. PIEDMONT	744	78.11	JOHNSTON	120	178.0
HSA IV CAPITAL	638	82.68	JONES	9	94.0
HSA V CAROLINAL	649	76.97	LFE	37	105.0
HSA VI EASTERN	883	87.13	LENOIR	56	94.0
COUNTIES			LINCOLN	24	61.0
ALAMANCE	112	112.82	MCDOWELL	32	92.0
ALEXANDER	19	82.55	MACON	25	125.0
ALLEGHANY	2	22.25	MAOISON	11	63.0
ANSON	19	78.85	MARTIN	29	114.0
ASHE	23	110.99	MECKLENBURG	335	86.0
AVERY	6	42.54	MITCHELL	16	115.0
BEAUFORT	26	64.33	MONTGOMERY	21	104.0
BERTIE	13	62.38	MOORE	42	93.0
BLADEN	19	65.44	NASH	51	75.0
BRUNSWICK	15	46.01	NEW HANOVER	58	60.0
BUNCOMBE	161	103.77	NORTHAMPTON	29	125.0
BURKE	45	69.48	ONSLow	55	48.0
CABARRUS	49	60.21	ORANGE	36	51.0
CALDWELL	39	63.48	PAMLICO	13	130.0
CAMDEN	9	151.74	PASQUOTANK	33	114.0
CARTERET	15	39.98	PENDER	16	72.0
CASWELL	24	126.55	PERQUIMANS	11	120.0
CATAWBA	67	65.37	PERSON	6	21.0
CHATHAM	22	69.68	PITT	89	109.0
CHEROKEE	9	51.32	POLK	26	206.0
CHOWAN	15	124.88	RANDOLPH	43	50.0
CLAY	6	100.05	RICHMOND	64	150.0
CLEVELAND	44	56.43	ROBESON	82	86.0
COLUMBUS	51	99.36	ROCKINGHAM	60	77.0
CRAVEN	53	78.53	ROWAN	71	74.0
CUMBERLAND	126	54.54	RUTHERFORD	44	84.0
CURRITUCK	17	151.25	SAMPSON	35	70.0
DARE	13	115.76	SCOTLAND	28	91.0
DAVISON	93	88.91	STANLY	36	78.0
DAVIE	20	87.81	STOKES	22	72.0
DUPLIN	36	90.73	SUPRY	57	101.0
OURHAM	131	89.99	SWAIN	13	124.0
EDGECOMBE	43	76.71	TRANSYLVANIA	17	76.0
FORSYTH	176	75.57	TYRRELL	7	173.0
FRANKLIN	21	72.81	UNION	35	52.0
GASTON	120	76.31	VANCE	22	63.0
GATES	10	118.02	WAKE	208	73.0
GRAHAM	3	42.04	WARREN	14	82.0
GRANVILLE	21	64.51	WASHINGTON	20	135.0
GREENE	10	65.01	WATAUGA	12	43.0
GUILFORD	272	88.22	WAYNE	77	83.0
			WILKES	119	212.0
			WILSON	69	111.0
			YADKIN	16	58.0
			YANCEY	10	68.0

\* SEE SECTION I



TABLE 5

## MORTALITY STATISTICS FOR 1979

## NORTH CAROLINA RESIDENTS

## HYPERTENSION WITH OR WITHOUT RENAL DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	230	4.10	HALIFAX	3	5.43
REGIONS			HARNETT	1	1.78
OHR I WESTERN	67	3.49	HAYWOOD	3	6.73
OHR II N. CENTRAL	50	4.15	HENDERSON	5	9.45
OHR III S. CENTRAL	52	4.08	HERTFORD	1	4.01
OHR IV EASTERN	61	5.01	HOKE	0	0.00
HSA I WESTERN	36	3.73	HYDE	1	17.57
HSA II PIEDMONT	36	3.38	IREDELL	3	3.72
HSA III S. PIEDMONT	31	3.25	JACKSON	3	12.01
HSA IV CAPITAL	41	5.31	JOHNSTON	2	2.98
HSA V CAROLINAL	35	4.15	JONES	0	0.00
HSA VI EASTERN	51	5.03	LEE	5	14.26
			LENOIR	7	11.81
			LINCOLN	0	0.00
			MCOOWELL	1	2.89
COUNTIES			MACON	0	0.00
ALAMANCE	5	5.03	MADISON	0	0.00
ALEXANDER	1	4.34	MARTIN	1	3.93
ALLEGHANY	0	0.00	MECKLENBURG	15	3.87
ANSON	2	8.30	MITCHELL	0	0.00
ASHE	0	0.00	MONTGOMERY	1	4.98
AVERY	0	0.00	MOORE	5	11.10
BEAUFORT	4	9.89	NASH	0	0.00
BERTIE	0	0.00	NEW HANOVER	7	7.27
BLOAEN	2	6.88	NORTHAMPTON	0	0.00
BRUNSWICK	0	0.00	ONSLow	0	0.00
BUNCOMBE	10	6.44	ORANGE	3	4.32
BURKE	1	1.54	PAMLICO	0	0.00
CABARRUS	2	2.45	PASQUOTANK	1	3.47
CALDWELL	4	6.51	PENDER	0	0.00
CAMDEN	0	0.00	PERQUIMANS	2	21.98
CARTERET	1	2.66	PERSON	1	3.63
CASWELL	0	0.00	PITT	3	3.68
CATAWBA	2	1.95	POLK	0	0.00
CHATHAM	3	9.50	RANDOLPH	0	0.00
CHEROKEE	0	0.00	RICHMONO	0	0.00
CHOWAN	3	24.97	ROBESON	6	6.36
CLAY	0	0.00	ROCKINGHAM	2	2.59
CLEVELANO	2	2.56	ROWAN	2	2.10
COLUMBUS	3	5.84	RUTHERFORD	1	1.92
CrAVEN	4	5.92	SAMPSON	0	0.00
CUMBERLAND	5	2.16	SCOTLAND	3	9.78
CURRITUCK	0	0.00	STANLY	4	8.73
DARE	0	0.00	STOKES	0	0.00
DAVISON	2	1.91	SUPRY	2	3.56
DAVIE	0	0.00	SWAIN	0	0.00
DUPLIN	0	0.00	TRANSYLVANIA	0	0.00
DURHAM	5	3.43	TYRRELL	0	0.00
EDGECOMBE	3	5.35	UNION	0	0.00
FORSYTH	12	5.15	VANCE	6	17.26
FRANKLIN	2	6.93	WAKE	9	3.18
GASTON	5	3.17	WARREN	3	17.59
GATES	0	0.00	WASHINGTON	1	6.77
GRAHAM	1	14.01	WATAUGA	1	3.60
GRANVILLE	2	6.14	WAYNE	8	8.63
GREENE	1	6.50	WILKES	0	0.00
GUILFORD	12	3.89	WILSON	7	11.27
			YADKIN	1	3.66
			YANCEY	1	6.82

\* SEE SECTION I

TABLE 6  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CEREBROVASCULAR DISEASE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE 1979
NORTH CAROLINA	4688	83.62	HALIFAX	63	114
REGIONS			HARNETT	44	78
DHR I WESTERN	1609	84.01	HAYWOOD	45	100
DHR II N. CENTRAL	1078	89.57	HENDERSON	68	128
DHR III S. CENTRAL	899	70.68	HERTFORD	13	52
DHR IV EASTERN	1102	90.65	HOKE	8	42
HSA I WESTERN	855	88.80	HYDE	8	140
HSA II N. CENTRAL	934	87.88	IREDELL	72	89
HSA III S. CENTRAL	754	79.16	JACKSON	20	80
HSA IV CAPITAL	566	73.35	JOHNSTON	48	71
HSA V CARDINAL	683	81.01	JONES	9	94
HSA VI EASTERN	896	88.41	LEE	26	74
COUNTIES			LENOIR	75	126
ALAMANCE	85	85.62	LINCOLN	35	89
ALFAXANDER	16	69.51	MCDOWELL	28	81
ALLEGHANY	11	122.41	MACON	20	100
ANSON	22	91.30	MADISON	18	104
ASHE	14	67.56	MARTIN	15	58
AVERY	9	63.81	MECKLENBURG	249	64
BEAUFORT	45	111.34	MITCHELL	16	115
BERTIE	18	86.38	MONTGOMERY	26	129
BLADEN	31	106.77	MOORE	54	119
BRUNSWICK	25	76.68	NASH	90	133
BUNCOMBE	147	94.75	NEW HANOVER	96	99
BURKE	52	80.29	NORTHAMPTON	24	103
CABARRUS	89	109.37	ONSLOW	20	17
CALDWELL	39	63.48	ORANGE	27	38
CAMDEN	5	84.30	PAMLICO	5	50
CARTERET	12	31.98	PASQUOTANK	26	90
CASWELL	23	121.28	PENDER	28	126
CATAWBA	90	87.81	PERQUIMANS	11	120
CHATHAM	30	95.02	PERSON	31	112
CHEROKEE	10	57.02	PITT	49	60
CHOWAN	20	166.51	POLK	28	221
CLAY	2	33.35	RANDOLPH	88	103
CLEVELAND	57	73.10	RICHMOND	36	84
COLUMBUS	57	111.05	ROBESON	83	88
Craven	48	71.12	ROCKINGHAM	89	115
CUMBERLAND	122	52.80	ROKAN	85	89
CURRITUCK	7	62.28	RUTHERFORD	64	123
DARE	3	26.71	SAMPSON	30	60
DAVISON	79	75.53	SCOTLAND	21	68
DAVIE	18	79.03	STANLY	59	128
DUPLIN	56	141.14	STOKES	24	79
DURHAM	117	80.38	SURRY	48	85
EDGECOMBE	81	144.51	SWAIN	10	95
FORSYTH	176	75.57	TRANSYLVANIA	17	76
FRANKLIN	34	117.88	TYRRELL	7	173
GASTON	118	75.04	UNION	47	71
GATES	15	177.03	VANCE	40	115
GRAHAM	5	70.07	WAKE	174	61
GRANVILLE	20	61.44	WARREN	19	111
GREENE	10	65.01	WASHINGTON	11	74
GUILFORD	283	91.79	WATAUGA	17	61
			WAYNE	82	88
			WILKES	38	67
			WILSON	68	109
			YADKIN	21	77
			YANCEY	14	95

\* SEE SECTION I

TABLE 7  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
ATHEROSCLEROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	577	10.29	HALIFAX	11	19.91
REGIONS			HARNETT	3	5.36
DHR I WESTERN	181	9.45	HAYWOOD	5	11.22
DHR II N. CENTRAL	116	9.63	HENDERSON	8	15.12
DHR III S. CENTRAL	142	11.16	HERTFORD	2	8.03
DHR IV EASTERN	138	11.35	HOKE	1	5.34
			HYDE	2	35.14
HSA I WESTERN	92	9.55	IREDELL	8	9.93
HSA II PIEDMONT	109	10.25	JACKSON	3	12.01
HSA III S. PIEDMONT	89	9.34	JOHNSTON	6	8.94
HSA IV CAPITAL	55	7.12	JONES	1	10.53
HSA V CARDINAL	125	14.82	LEE	4	11.41
HSA VI EASTERN	107	10.55	LENOIR	5	8.43
COUNTIES			LINCOLN	4	10.18
ALAMANCE	15	15.11	MCDOWELL	1	2.89
ALEXANDER	2	8.68	MACON	1	5.01
ALLEGHANY	0	0.00	MADISON	1	5.78
ANSON	1	4.15	MARTIN	3	11.79
ASHE	2	9.65	MECKLENBURG	28	7.23
AVERY	0	0.00	MITCHELL	0	0.00
BEAUFORT	7	17.32	MONTGOMERY	1	4.98
BERTIE	1	4.79	MOORE	18	39.99
BLADEN	1	3.44	NASH	5	7.39
BRUNSWICK	4	12.26	NEW HANOVER	10	10.39
BUNCOMBE	16	10.31	NORTHAMPTON	5	21.61
BURKE	8	12.35	ONSLOW	8	7.04
CABARRUS	5	6.14	ORANGE	5	7.20
CALDWELL	1	1.62	PAMLICO	1	10.02
CAMDEN	3	50.58	PASQUOTANK	1	3.47
CARTERET	1	2.66	PENDER	2	9.06
CASWELL	4	21.09	PERQUIMANS	3	32.97
CATAWBA	10	9.75	PERSON	4	14.54
CHATHAM	1	3.16	PITT	9	11.04
CHEROKEE	4	22.80	POLK	6	47.56
CHOWAN	2	16.65	RANDOLPH	3	3.51
CLAY	0	0.00	RICHMOND	8	18.79
CLEVELAND	10	12.82	ROBESON	32	33.94
COLUMBUS	15	29.22	ROCKINGHAM	12	15.56
CRAVEN	6	8.89	ROWAN	14	14.72
CUMBERLAND	15	6.49	RUTHERFORD	3	5.77
CURRITUCK	1	8.89	SAMPSON	3	6.04
DARE	0	0.00	SCOTLAND	11	35.87
DAVIDSON	7	6.69	STANLY	5	10.91
DAVIE	3	13.17	STOKES	2	6.60
DUPLIN	2	5.04	SURRY	9	16.02
DURHAM	11	7.55	SWAIN	0	0.00
EDGECOMBE	8	14.27	TRANSYLVANIA	4	18.06
FORSYTH	18	7.72	TYRRELL	2	49.52
FRANKLIN	1	3.46	UNION	13	19.67
GASTON	12	7.63	VANCE	2	5.75
GATES	0	0.00	WAKE	21	7.43
GRAHAM	0	0.00	WARREN	0	0.00
GRANVILLE	0	0.00	WASHINGTON	1	6.77
GREENE	1	6.50	WATAUGA	5	18.00
GUILFORD	33	10.70	WAYNE	9	9.71
			WILKES	1	1.78
			WILSON	7	11.27
			YADKIN	3	11.00
			YANCEY	1	6.82

\* SEE SECTION I



TABLE 8  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	D
NORTH CAROLINA	9099	162.30	HALIFAX	106	1
REGIONS			HARNETT	103	1
DHR I WESTERN	3125	163.16	HAYWOOD	87	1
DHR II N. CENTRAL	2040	169.51	HENDERSON	126	2
DHR III S. CENTRAL	1920	150.96	HERTFORD	42	1
DHR IV EASTERN	2014	165.68	HOKE	23	1
			HYDE	12	2
HSA I WESTERN	1664	172.82	IREDELL	116	1
HSA II PIEDMONT	1777	167.20	JACKSON	39	1
HSA III S. PIEDMONT	1461	153.40	JOHNSTON	125	1
HSA IV CAPITAL	1259	163.16	JONES	17	1
HSA V CARDINAL	1260	149.44	LEE	69	1
HSA VI EASTERN	1678	165.58	LENOIR	95	1
COUNTIES			LINCOLN	60	1
			MCDOWELL	52	1
ALAMANCE	164	165.20	MACON	52	2
ALEXANDER	37	160.76	MADISON	29	1
ALLEGHANY	23	255.95	MARTIN	41	1
ANSON	35	145.25	MECKLENBURG	576	1
ASHE	31	149.59	MITCHELL	26	1
AVERY	17	120.54	MONTGOMERY	39	1
BEAUFORT	89	220.22	MOORE	104	2
BERTIE	37	177.56	NASH	117	1
BLADEN	40	137.76	NEW HANOVER	154	1
BRUNSWICK	59	180.98	NORTHAMPTON	43	1
BUNCOMBE	316	203.68	ONSLOW	89	1
RURKE	99	152.86	ORANGE	82	1
CABARRUS	144	176.97	PAMLICO	21	2
CALDWELL	81	131.86	PASQUOTANK	58	2
CAMDEN	14	236.04	PENDER	36	1
CARTERET	85	226.57	PERQUIMANS	22	2
CASWELL	24	126.55	PERSON	42	1
CATAWBA	148	144.41	PITT	137	1
CHATHAM	50	158.37	POLK	45	3
CHEROKEE	45	256.60	RANDOLPH	109	1
CHOWAN	34	283.07	RICHMOND	72	1
CLAY	10	166.75	ROBESON	148	1
CLEVELAND	113	144.92	ROCKINGHAM	148	1
COLUMBUS	87	169.49	ROWAN	161	1
CRAVEN	109	161.51	RUTHERFORD	88	1
CUMBERLAND	222	96.09	SAMPSON	93	1
CURRITUCK	18	160.15	SCOTLAND	45	1
DARE	23	204.80	STANLY	81	1
DAVIDSON	179	171.14	STOKES	55	1
DAVIE	39	171.24	SURRY	110	1
DUPLIN	82	206.67	SWAIN	14	1
DURHAM	258	177.24	TRANSYLVANIA	29	1
EDGECOMBE	100	178.41	TYRRELL	9	2
FORSYTH	390	167.47	UNION	70	1
FRANKLIN	50	173.36	VANCE	84	2
GASTON	253	160.90	WAKE	412	1
GATES	23	271.45	WARREN	42	2
GRAHAM	10	140.15	WASHINGTON	24	1
GRANVILLE	45	138.25	WATAUGA	37	1
GREENE	25	162.52	WAYNE	105	1
GUILFORD	509	165.10	WILKES	84	1
			WILSON	101	1
			YADKIN	50	1
			YANCEY	26	1

\* SEE SECTION I



TABLE 9  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF STOMACH

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	297	5.29	HALIFAX	3	5.43
REGIONS			HARNETT	2	3.57
OHR I WESTERN	102	5.32	HAYWOOD	1	2.24
OHR II N. CENTRAL	57	4.73	HENOERSON	7	13.23
DHR III S. CENTRAL	60	4.71	HERTFORD	1	4.01
DHR IV EASTERN	78	6.41	HOKE	0	0.00
			HYDE	0	0.00
HSA I WESTERN	47	4.88	IREDELL	2	2.48
HSA II PIEDMONT	47	4.42	JACKSON	2	8.00
HSA III S. PIEDMONT	55	5.77	JOHNSTON	6	8.94
HSA IV CAPITAL	44	5.70	JONES	0	0.00
HSA V CARDINAL	41	4.86	LEE	3	8.56
HSA VI EASTERN	63	6.21	LENOIR	3	5.06
			LINCOLN	1	2.54
COUNTIES			MCDOWELL	1	2.89
ALAMANCE	1	1.00	MACDN	0	0.00
ALEXANDER	2	8.68	MADISON	1	5.78
ALLEGHANY	1	11.12	MARTIN	2	7.86
ANDSON	0	0.00	MECKLENBURG	23	5.94
ASHE	0	0.00	MITCHELL	2	14.41
AVERY	0	0.00	MONTGOMERY	0	0.00
BEAUFORT	2	4.94	MOORE	5	11.10
BERTIE	2	9.59	NASH	3	4.43
BLAOEN	1	3.44	NEW HANDVER	4	4.15
BRUNSWICK	2	6.13	NORTHAMPTON	1	4.32
BUNCOMBE	6	3.86	ONSLOW	2	1.76
BURKE	0	0.00	ORANGE	3	4.32
CABARRUS	8	9.83	PAMLICO	1	10.02
CALOWELL	8	13.02	PASQUOTANK	2	6.94
CAMDEN	2	33.72	PENNER	2	9.06
CARTERET	1	2.66	PFRQUIMANS	1	10.99
CASWELL	0	0.00	PERSON	1	3.63
CATAWBA	4	3.90	PITT	10	12.26
CHATHAM	1	3.16	POLK	1	7.92
CHEROKEE	2	11.40	RANDOLPH	1	1.17
CHOWAN	3	24.97	RICHMOND	0	0.00
CLAY	0	0.00	ROBESON	6	6.36
CLEVELAND	4	5.13	ROCKINGHAM	5	6.48
COLUMBUS	7	13.63	ROWAN	3	3.15
CRAVEN	6	8.89	RUTHERFORD	1	1.92
CUMBERLAND	11	4.76	SAMPSON	1	2.01
CURRITUCK	2	17.79	SCOTLAND	0	0.00
DARE	0	0.00	STANLY	3	6.54
DAVIDSON	4	3.82	STOKES	0	0.00
DAVIE	1	4.39	SURRY	3	5.34
DUPLIN	5	12.60	SWAIN	1	9.55
DURHAM	9	6.18	TRANSYLVANIA	0	0.00
EDGEcombe	3	5.35	TYRRELL	0	0.00
FORSYTH	14	6.01	UNION	1	1.51
FRANKLIN	1	3.46	VANCE	6	17.26
GASTON	14	8.90	WAKE	12	4.25
GATES	1	11.80	WARREN	0	0.00
GRAHAM	0	0.00	WASHINGTON	1	6.77
GRANVILLE	2	6.14	WATAUGA	0	0.00
GREENE	4	26.00	WAYNE	1	1.07
GUILFORD	16	5.18	WILKES	1	1.78
			WILSON	1	1.61
			YADKIN	2	7.33
			YANCEY	2	13.65

\* SEE SECTION I

TABLE 10  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF COLON, RECTUM AND ANUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE 1979
NORTH CAROLINA	1030	18.37	HALIFAX	13	23.0
REGIONS			HARNETT	13	23.0
DHR I WESTERN	374	19.52	HAYWOOD	11	24.0
DHR II N. CENTRAL	211	17.53	HENDERSON	11	20.0
DHR III S. CENTRAL	227	17.84	HERTFORD	8	32.0
DHR IV EASTERN	218	17.93	HOKE	4	21.0
			HYDE	0	0.0
HSA I WESTERN	193	20.04	IREDELL	15	18.0
HSA II PIEDMONT	186	17.50	JACKSON	0	0.0
HSA III S. PIEDMONT	181	19.00	JOHNSTON	16	23.0
HSA IV CAPITAL	141	18.27	JONES	1	10.0
HSA V CARDINAL	136	16.13	LEE	11	31.0
HSA VI EASTERN	193	19.04	LENOIR	11	18.0
COUNTIES			LINCOLN	5	12.0
ALAMANCE	23	23.16	MCDOWELL	9	26.0
ALEXANDER	3	13.03	MACON	6	30.0
ALLEGHANY	3	33.38	MADISON	4	23.0
ANSON	5	20.75	MARTIN	3	11.0
ASHE	3	14.47	MECKLENBURG	66	17.0
AVERY	0	0.00	MITCHELL	2	14.0
BEAUFORT	13	32.16	MONTGOMERY	6	29.0
BERTIE	8	38.39	MOORE	13	28.0
BLADEN	3	10.33	NASH	15	22.0
BRUNSWICK	6	18.40	NEW HANOVER	9	9.0
BUNCOMBE	27	17.40	NORTHAMPTON	6	25.0
BURKE	13	20.07	ONSLOW	8	7.0
CABARRUS	19	23.35	ORANGE	13	18.0
CALDWELL	11	17.90	PAMLICO	5	50.0
CAMPDEN	1	16.86	PASQUOTANK	6	20.0
CARTERET	8	21.32	PENDER	3	13.0
CASWELL	1	5.27	PERQUIMANS	0	0.0
CATAWBA	19	18.53	PERSON	2	7.0
CHATHAM	7	22.17	PITT	12	14.0
CHEROKEE	4	22.80	POLK	8	63.0
CHOWAN	4	33.30	RANDOLPH	14	16.0
CLAY	3	50.02	RICHMOND	11	25.0
CLEVELAND	12	15.39	ROBESON	19	20.0
COLUMBUS	7	13.63	ROCKINGHAM	17	22.0
CRAVEN	10	14.81	ROWAN	33	34.0
CUMBERLAND	25	10.82	RUTHERFORD	14	26.0
CURRITUCK	2	17.79	SAMPSON	9	18.0
DARE	6	53.42	SCOTLAND	3	9.0
DAVIDSON	16	15.29	STANLY	7	15.0
DAVIE	3	13.17	STOKES	3	9.0
DUPLIN	11	27.72	SURRY	15	26.0
DURHAM	25	17.17	SWAIN	4	38.0
EDGEcombe	11	19.62	TRANSYLVANIA	3	13.0
FORSYTH	46	19.75	TYRRELL	2	49.0
FRANKLIN	9	31.20	UNION	6	9.0
GASTON	30	19.07	VANCE	6	17.0
GATES	4	47.20	WAKE	44	15.0
GRAHAM	1	14.01	WARREN	3	17.0
GRANVILLE	5	15.36	WASHINGTON	2	13.0
GREENE	0	0.00	WATAUGA	6	21.0
GUILFORD	42	13.62	WAYNE	11	11.0
			WILKES	12	21.0
			WILSON	12	19.0
			YADKIN	6	22.0
			YANCEY	4	27.0

\* SEE SECTION I

TABLE 11  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF PANCREAS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	459	8.18	HALIFAX	7	12.67
REGIONS			HARNETT	8	14.31
DHR I WESTERN	154	8.04	HAYWOOD	7	15.70
DHR II N. CENTRAL	119	9.88	HENOERSON	8	15.12
DHR III S. CENTRAL	105	8.25	HERTFORD	2	8.03
DHR IV EASTERN	81	6.66	HOKE	1	5.34
			HYDE	0	0.00
HSA I WESTERN	83	8.62	IREDELL	7	8.69
HSA II PIEOMONT	106	9.97	JACKSON	0	0.00
HSA III S. PIEOMONT	71	7.45	JOHNSTON	6	8.94
HSA IV CAPITAL	63	8.16	JONES	0	0.00
HSA V CAROINAL	68	8.06	LEE	3	8.56
HSA VI EASTERN	68	6.71	LENOIR	1	1.68
			LINCOLN	4	10.18
COUNTIES			MCDOWELL	2	5.79
ALAMANCE	6	6.04	MACON	1	5.01
ALEXANDER	1	4.34	MAISON	2	11.57
ALLEGHANY	0	0.00	MARTIN	3	11.79
ANSON	2	8.30	MECKLENBURG	29	7.49
ASHE	1	4.82	MITCHELL	0	0.00
AVERY	4	28.36	MONTGOMERY	5	24.93
BEAUFORT	4	9.89	MOORE	4	8.88
BERTIE	1	4.79	NASH	5	7.39
BLADEN	3	10.33	NEW HANOVER	7	7.27
BRUNSWICK	4	12.26	NORTHAMPTON	2	8.64
BUNCOMBE	20	12.89	ONSLAW	0	0.00
BURKE	3	4.63	ORANGE	5	7.20
CABARRUS	7	8.60	PAMLICO	2	20.05
CALDWELL	6	9.76	PASQUOTANK	0	0.00
CAMDEN	1	16.86	PENDER	1	4.53
CARTERET	5	13.32	PERQUIMANS	0	0.00
CASWELL	3	15.81	PERSON	4	14.54
CATAWBA	9	8.78	PITT	6	7.36
CHATHAM	3	9.50	POLK	0	0.00
CHEROKEE	4	22.80	RANDOLPH	7	8.21
CHOWAN	2	16.65	RICHMOND	5	11.74
CLAY	0	0.00	ROBESON	11	11.66
CLEVELAND	2	2.56	ROCKINGHAM	8	10.37
COLUMBUS	1	1.94	ROWAN	9	9.46
CRAVEN	4	5.92	RUTHERFORD	7	13.47
CUMBERLAND	11	4.76	SAMPSON	3	6.04
CURRITUCK	1	8.89	SCOTLAND	2	6.52
DARE	0	0.00	STANLY	3	6.54
DAVIDSON	8	7.64	STOKES	4	13.21
DAVIE	1	4.39	SURRY	11	19.59
DUPLIN	2	5.04	SWAIN	0	0.00
DUSSAN	10	6.87	TRANSYLVANIA	0	0.00
EDGECOMBE	1	1.78	TYRRELL	2	49.52
FORSYTH	18	7.72	UNION	1	1.51
FRANKLIN	4	13.86	VANCE	1	2.87
GASTON	11	6.99	WAKE	23	8.14
GATES	0	0.00	WARREN	2	11.72
GRAHAM	1	14.01	WASHINGTON	0	0.00
GRANVILLE	2	6.14	WATAUGA	2	7.20
GREENE	0	0.00	WAYNE	5	5.39
GUILFORD	35	11.35	WILKES	3	5.36
			WILSON	12	19.33
			YADKIN	5	18.34
			YANCEY	0	0.00

\* SEE SECTION I



TABLE 12  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF TRACHEA, BRONCHUS AND LUNG

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	2227	39.72	HALIFAX	26	47
REGIONS			HARNETT	25	44
OHR I WESTERN	723	37.75	HAYWOOD	18	40
OHR II N. CENTRAL	508	42.21	HENDERSON	28	52
OHR III S. CENTRAL	442	34.75	HERTFORD	14	56
OHR IV EASTERN	554	45.57	HOKE	5	26
			HYDE	5	87
HSA I WESTERN	386	40.09	IREDELL	16	19
HSA II PIEDMONT	439	41.30	JACKSON	11	44
HSA III S. PIEDMONT	337	35.38	JOHNSTON	23	34
HSA IV CAPITAL	295	38.23	JONES	2	21
HSA V CAROLINAL	304	36.05	LEE	21	59
HSA VI EASTERN	466	45.98	LENOIR	22	37
COUNTIES			LINCOLN	15	38
ALAMANCE	42	42.30	MCDOWELL	14	40
ALEXANDER	6	26.06	MACON	10	50
ALLEGHANY	3	33.38	MADISON	7	40
ANSON	11	45.65	MARTIN	11	43
ASHE	7	33.78	MECKLENBURG	137	35
AVERY	2	14.18	MITCHELL	7	50
BEAUFORT	21	51.96	MONTGOMERY	7	34
BEPTIE	6	28.79	MOORE	26	57
BLADEN	11	37.88	NASH	38	56
BRUNSWICK	16	49.07	NEW HANOVER	44	45
BUNCOMBE	86	55.43	NORTHAMPTON	9	38
BURKE	27	41.68	ONSLow	22	19
CABARRUS	30	36.86	ORANGE	18	25
CALDWELL	22	35.81	PAMLICO	6	60
CAMDEN	5	84.30	PASQUOTANK	11	38
CARTERET	30	79.96	PENDER	8	36
CASWELL	4	21.09	PERQUIMANS	8	87
CATAWBA	31	30.24	PERSON	7	25
CHATHAM	9	28.50	PITT	39	47
CHEROKEE	11	62.72	POLK	5	39
CHOWAN	10	83.25	RANDOLPH	22	25
CLAY	2	33.35	RICHMOND	15	35
CLEVELAND	21	26.93	ROBESON	33	35
COLUMBUS	20	38.96	ROCKINGHAM	42	54
CRAVEN	34	50.37	ROWAN	41	43
CUMBERLAND	57	24.67	RUTHERFORD	17	32
CURRITUCK	7	62.28	SAMPSON	17	34
DARE	9	80.14	SCOTLAND	9	29
DAVISON	48	45.89	STANLY	18	39
DAVIE	10	43.90	STOKES	17	56
DUPLIN	23	57.97	SURRY	29	51
DURHAM	60	41.22	SWAIN	2	19
EDGEcombe	36	64.23	TRANSYLVANIA	7	31
FORSYTH	79	33.92	TYRRELL	1	24
FRANKLIN	11	38.14	UNION	16	24
GASTON	64	40.70	VANCE	25	71
GATES	6	70.81	WAKE	95	33
GRAHAM	2	28.03	WARREN	17	99
GRANVILLE	9	27.65	WASHINGTON	7	47
GREENE	6	39.00	WATAUGA	11	39
GUILFORD	138	44.76	WAYNE	26	28
			WILKES	20	35
			WILSON	26	41
			YADKIN	8	29
			YANCEY	9	61

\* SEE SECTION I



TABLE 13  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF FEMALE BREAST

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	742	25.67	HALIFAX	10	34.25
REGIONS			HARNETT	8	28.11
DHR I WESTERN	265	26.55	HAYWOOD	5	21.63
DHR II N. CENTRAL	165	26.04	HENDERSON	13	46.79
DHR III S. CENTRAL	147	22.91	HERTFORD	1	7.57
DHR IV EASTERN	165	26.73	HOKE	1	10.83
HSA I WESTERN	146	29.17	HYDE	1	33.64
HSA II PIEDMONT	143	25.53	IREDELL	12	28.47
HSA III S. PIEDMONT	119	23.92	JACKSON	6	47.31
HSA IV CAPITAL	105	26.31	JOHNSTON	11	31.13
HSA V CARDINAL	91	21.62	JONES	1	20.21
HSA VI EASTERN	138	26.93	LEE	6	32.47
COUNTIES			LENOIR	9	28.47
ALAMANCE	22	42.24	LINCOLN	4	19.76
ALEXANDER	5	42.56	MCDOWELL	7	38.88
ALLEGHANY	3	62.91	MACON	6	57.57
ANSON	4	31.37	MADISON	2	22.11
ASHE	4	37.48	MARTIN	5	37.09
AVERY	4	56.93	MECKLENBURG	56	27.52
BEAUFORT	6	27.94	MITCHELL	5	69.17
BERTIE	2	17.82	MONTGOMERY	4	38.29
BLADEN	1	6.67	MOORE	5	21.02
BRUNSWICK	5	30.31	NASH	10	27.96
BUNCOMBE	31	37.74	NEW HANOVER	12	23.79
BURKE	5	15.01	NORTHAMPTON	4	34.12
CABARRUS	13	30.47	ONSLow	3	6.86
CALDWELL	2	6.28	ORANGE	4	11.64
CAMDEN	0	0.00	PAMLICO	2	38.16
CARTERET	9	47.24	PASQUOTANK	6	40.14
CASWELL	1	10.31	PERNOR	1	8.95
CATAWBA	15	28.20	PERQUIMANS	1	20.94
CHATHAM	2	12.39	PERSON	4	27.91
CHEROKEE	2	21.67	PITT	16	37.19
CHOWAN	2	32.35	POLK	5	72.70
CLAY	0	0.00	RANDOLPH	6	13.68
CLEVELAND	9	22.35	RICHMOND	5	22.33
COLUMBUS	9	33.62	ROBESON	11	22.32
CRABEN	7	21.49	ROCKINGHAM	7	17.16
CUMBERLAND	17	16.62	ROWAN	9	18.12
CURRITUCK	3	52.28	RUTHERFORD	6	21.96
DAFE	0	0.00	SAMPSON	4	15.29
DAVISON	17	31.74	SCOTLAND	4	24.67
DAVIE	4	33.66	STANLY	5	20.96
DUPLIN	9	43.15	STOKES	2	12.90
DURHAM	22	28.40	SURRY	9	30.64
EDGECOMBE	10	33.49	SWAIN	0	0.00
FORSYTH	32	25.73	TRANSYLVANIA	1	8.92
FRANKLIN	4	26.21	TYRRELL	1	46.36
GASTON	16	19.51	UNION	4	11.94
GATES	4	93.89	VANCE	6	32.66
GRAHAM	0	0.00	WAKE	38	26.40
GRANVILLE	4	24.25	WARREN	4	44.58
GREENE	0	0.00	WASHINGTON	2	26.69
GUILFORD	43	26.10	WATAUGA	3	20.82
			WAYNE	7	14.75
			WILKES	5	17.43
			WILSON	7	21.48
			YADKIN	0	0.00
			YANCEY	2	26.73

\* SEE SECTION I

TABLE 14  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF CERVIX UTERI

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE 1979
NORTH CAROLINA	124	4.29	HALIFAX	0	0.
REGIONS			HARNETT	0	0.
OHR I WESTERN	42	4.20	HAYWOOD	2	8.
OHR II N. CENTRAL	28	4.41	HENDERSON	0	0.
OHR III S. CENTRAL	20	3.11	HERTFORD	1	7.
OHR IV EASTERN	34	5.50	HOKE	0	0.
HSA I WESTERN	27	5.39	HYOE	0	0.
HSA II PIEDMONT	23	4.10	IREDELL	0	0.
HSA III S. PIEDMONT	15	3.01	JACKSON	0	0.
HSA IV CAPITAL	15	3.75	JOHNSTON	2	5.
HSA V CAROLINA	15	3.56	JONES	0	0.
HSA VI EASTERN	29	5.65	LEE	0	0.
COUNTIES			LENOIR	4	12.
ALAMANCE	2	3.84	LINCOLN	0	0.
ALEXANDER	0	0.00	MCOWELL	2	11.
ALLEGHANY	0	0.00	MACON	0	0.
ANSON	2	15.68	MADISON	0	0.
ASHE	0	0.00	MARTIN	1	7.
AVERY	0	0.00	MECKLENBURG	3	1.
BEAUFORT	1	4.65	MITCHELL	1	13.
BERTIE	1	8.91	MONTGOMERY	1	9.
BLADEN	1	6.67	MOORE	0	0.
BRUNSWICK	1	6.06	NASH	2	5.
BUNCOMBE	3	3.65	NEW HANOVER	2	3.
BURKE	2	6.00	NORTHAMPTON	0	0.
CABARRUS	1	2.34	ONSLow	2	4.
CALDWELL	1	3.14	ORANGE	0	0.
CAMDEN	0	0.00	PAMLICO	0	0.
CARTERET	2	10.49	PASQUOTANK	1	6.
CASWELL	0	0.00	PENDER	2	17.
CATAWBA	3	5.64	PERQUIMANS	1	20.
CHATHAM	1	6.19	PERSON	1	6.
CHEROKEE	0	0.00	PITT	1	2.
CHOWAN	0	0.00	POLK	1	14.
CLAY	0	0.00	RANDOLPH	0	0.
CLEVELAND	7	17.38	RICHMOND	1	4.
COLUMBUS	0	0.00	ROBESON	2	4.
CRAVEN	1	3.07	ROCKINGHAM	3	7.
CUMBERLAND	1	0.97	ROWAN	2	4.
CURRITUCK	0	0.00	RUTHERFORD	1	3.
DARE	1	17.18	SAMPSON	0	0.
DAVISON	1	1.86	SCOTLAND	2	12.
DAVIE	1	8.41	STANLY	0	0.
DUPLIN	2	9.59	STOKES	0	0.
DURHAM	7	9.03	SURRY	2	6.
EDGEcombe	0	0.00	SWAIN	0	0.
FORSYTH	10	8.04	TRANSYLVANIA	0	0.
FRANKLIN	0	0.00	TYRRELL	0	0.
GASTON	7	8.53	UNION	2	5.
GATES	0	0.00	VANCE	2	10.
GRAHAM	1	27.85	WAKE	0	0.
GRANVILLE	1	6.06	WARREN	1	11.
GREENE	1	12.48	WASHINGTON	0	0.
GUILFORD	4	2.42	WATAUGA	0	0.
			WAYNE	3	6.
			WILKES	3	10.
			WILSON	4	12.
			YAKIN	0	0.
			YANCEY	0	0.

\* SEE SECTION I

TABLE 15

## MORTALITY STATISTICS FOR 1979

## NORTH CAROLINA RESIDENTS

## CANCER OF OVARY AND OTHER UTERINE ADNEXA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	232	8.02	HALIFAX	1	3.42
REGIONS			HARNETT	2	7.02
DHR I WESTERN	97	9.72	HAYWOOD	3	12.97
DHR II N. CENTRAL	47	7.41	HENDERSON	7	25.19
DHR III S. CENTRAL	37	5.76	HERTFORD	2	15.14
DHR IV EASTERN	51	8.26	HOKE	1	10.83
			HYDE	0	0.00
HSA I WESTERN	53	10.59	IREDELL	4	9.49
HSA II PIEDMONT	44	7.85	JACKSON	3	23.65
HSA III S. PIEDMONT	44	8.84	JOHNSTON	0	0.00
HSA IV CAPITAL	23	5.76	JONES	0	0.00
HSA V CARDINAL	22	5.22	LEE	2	10.82
HSA VI EASTERN	46	8.97	LENOIR	7	22.15
COUNTIES			LINCOLN	2	9.88
ALAMANCE	1	1.92	MCDOWELL	0	0.00
ALEXANDER	1	8.51	MACON	2	19.19
ALLEGHANY	0	0.00	MADISON	2	22.11
ANSON	0	0.00	MARTIN	1	7.41
ASHE	1	9.37	MECKLENBURG	22	10.81
AVERY	0	0.00	MITCHELL	0	0.00
BEAUFORT	5	23.28	MONTGOMERY	1	9.57
BERTIE	0	0.00	MOORE	1	4.20
BLADEN	0	0.00	NASH	3	8.39
BRUNSWICK	0	0.00	NEW HANOVER	2	3.96
BUNCOMBE	10	12.17	NORTHAMPTON	1	8.53
BURKE	2	6.00	ONSLow	3	6.86
CABARRUS	4	9.37	ORANGE	1	2.91
CALDWELL	1	3.14	PAMLICO	0	0.00
CAMDEN	0	0.00	PASQUOTANK	0	0.00
CARTERET	2	10.49	PENDER	3	26.86
CASWELL	1	10.31	PERQUIMANS	0	0.00
CATAWBA	3	5.64	PERSON	1	6.97
CHATHAM	2	12.39	PITT	2	4.64
CHEROKEE	1	10.83	POLK	1	14.54
CHOWAN	2	32.35	RANDOLPH	0	0.00
CLAY	0	0.00	RICHMOND	2	8.93
CLEVELAND	4	9.93	ROBESON	1	2.02
COLUMBUS	0	0.00	ROCKINGHAM	4	9.80
CrAVEN	5	15.35	ROWAN	6	12.08
CUMBERLAND	5	4.88	RUTHERFORD	3	10.98
CURRITUCK	0	0.00	SAMPSON	2	7.64
DARE	0	0.00	SCOTLAND	2	12.33
DAVIDSON	6	11.20	STANLY	4	16.77
DAVIE	1	8.41	STOKES	1	6.45
DUPLIN	3	14.38	SURRY	1	3.40
DURHAM	4	5.16	SWAIN	0	0.00
EDGEcombe	2	6.69	TRANSYLVANIA	2	17.85
FORSYTH	14	11.25	TYRRELL	1	46.36
FRANKLIN	0	0.00	UNION	0	0.00
GASTON	2	2.43	VANCE	1	5.44
GATES	0	0.00	WAKE	11	7.64
GRAHAM	1	27.85	WARREN	0	0.00
GRANVILLE	1	6.06	WASHINGTON	0	0.00
GREENE	2	24.97	WATAUGA	0	0.00
GUILFORD	12	7.28	WAYNE	3	6.32
			WILKES	4	13.94
			WILSON	1	3.06
			YADKIN	3	20.95
			YANCEY	2	26.73

\* SEE SECTION I



TABLE 16  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CANCER OF PROSTATE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	575	21.17	HALIFAX	7	26.4
REGIONS			HARNETT	8	29.4
OHR I WESTERN	197	21.47	HAYWOOD	5	23.3
OHR II N. CENTRAL	122	21.40	HENDERSON	11	43.7
OHR III S. CENTRAL	131	20.78	HERTFORD	2	17.1
OHR IV EASTERN	125	20.89	HOKE	1	10.5
			HYDE	0	0.0
HSA I WESTERN	108	23.35	IREDELL	9	23.4
HSA II PIEDMONT	98	19.49	JACKSON	2	16.2
HSA III S. PIEDMONT	89	19.56	JOHNSTON	8	25.2
HSA IV CAPITAL	87	23.35	JONES	2	43.5
HSA V CAROLINAL	85	20.12	LEE	3	18.1
HSA VI EASTERN	108	21.55	LENOIR	3	10.8
			LINCOLN	2	10.5
COUNTIES			MCDOWELL	4	24.2
ALAMANCE	8	16.95	MACON	1	10.5
ALEXANDER	3	26.62	MADISON	2	24.2
ALLEGHANY	1	23.70	MARTIN	2	16.7
ANSON	1	8.81	MECKLENBURG	38	20.6
ASHE	5	49.75	MITCHELL	1	15.0
AVERY	1	14.12	MONTGOMERY	0	0.0
BEAUFORT	4	21.11	MOORE	5	23.5
BERTIE	3	31.19	NASH	7	21.9
BLOEN	7	49.81	NEW HANOVER	2	4.3
BRUNSWICK	3	18.62	NORTHAMPTON	7	61.3
BUNCOMBE	19	26.02	ONSLOW	9	12.8
BURKE	6	19.07	ORANGE	5	14.2
CARRASUS	7	18.08	PAMLICO	2	42.2
CALDWELL	6	20.27	PASQUOTANK	6	43.3
CAMDEN	1	36.03	PENDER	3	27.5
CARTERET	4	21.66	PERQUIMANS	4	92.5
CASWELL	3	32.36	PERSON	6	45.5
CATAWBA	7	14.19	PITT	3	7.7
CHATHAM	3	19.43	POLK	1	17.4
CHEROKEE	7	84.25	RANDOLPH	3	7.2
CHOWAN	1	17.15	RICHMOND	8	39.6
CLAY	1	35.97	ROBESON	17	37.7
CLEVELAND	8	21.21	ROCKINGHAM	15	41.3
COLUMBUS	9	36.64	ROWAN	5	11.0
CRAVEN	6	17.18	RUTHERFORD	5	20.2
CUMBERLAND	11	8.54	SAMPSON	8	34.1
CURRITUCK	1	18.17	SCOTLAND	2	13.8
DARE	0	0.00	STANLY	4	18.2
DAVISON	8	15.67	STOKES	6	40.6
DAVIE	0	0.00	SURRY	5	18.6
DUPLIN	4	21.25	SWAIN	1	18.8
DURHAM	17	24.96	TRANSYLVANIA	3	27.4
EDGEcombe	9	34.35	TYRRELL	2	106.3
FORSYTH	20	18.43	UNION	7	21.4
FRANKLIN	3	22.08	VANCE	7	42.7
GASTON	17	22.58	WAKE	27	19.5
GATES	3	71.20	WARREN	6	74.2
GRAHAM	0	0.00	WASHINGTON	3	41.2
GRANVILLE	2	12.45	WATAUGA	4	29.9
GREENE	3	40.67	WAYNE	6	13.2
GUILFORD	26	18.10	WILKES	2	7.3
			WILSON	4	13.5
			YAKIN	4	30.8
			YANCEY	2	27.9

\* SEE SECTION I



TABLE 17  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
LEUKEMIA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	374	6.67	HALIFAX	3	5.43
REGIONS			HARNETT	2	3.57
OHR I WESTERN	131	6.83	HAYWOOD	3	6.73
OHR II N. CENTRAL	103	8.55	HENDERSON	2	3.78
OHR III S. CENTRAL	66	5.18	HERTFORD	1	4.01
OHR IV EASTERN	74	6.08	HOKE	1	5.34
			HYOE	1	17.57
HSA I WESTERN	73	7.58	IREDELL	5	6.21
HSA II PIEDMONT	95	8.93	JACKSON	1	4.00
HSA III S. PIEDMONT	58	6.08	JOHNSTON	7	10.43
HSA IV CAPITAL	44	5.70	JONES	1	10.53
HSA V CARDINAL	40	4.74	LEE	1	2.85
HSA VI EASTERN	64	6.31	LENOIR	4	6.74
			LINCOLN	1	2.54
COUNTIES			MCDOWELL	2	5.79
ALAMANCE	9	9.06	MACON	3	15.05
ALEXANDER	3	13.03	MAOISON	1	5.78
ALLEGHANY	0	0.00	MARTIN	0	0.00
ANSON	0	0.00	MECKLENBURG	30	7.75
ASHE	1	4.82	MITCHELL	2	14.41
AVERY	0	0.00	MONTGOMERY	0	0.00
BEAUFORT	7	17.32	MOORE	9	19.99
BERTIE	2	9.59	NASH	5	7.39
BLAOEN	2	6.88	NEW HANOVER	5	5.19
BRUNSWICK	1	3.06	NORTHAMPTON	1	4.32
BUNCOMBE	15	9.66	ONSLow	4	3.52
BURKE	6	9.26	ORANGE	4	5.76
CABARRUS	7	8.60	PAMLICO	0	0.00
CALOWELL	1	1.62	PASQUOTANK	2	6.94
CAMDEN	0	0.00	PENDER	1	4.53
CARTERET	4	10.66	PERQUIMANS	1	10.99
CASWELL	2	10.54	PERSON	1	3.63
CATAWBA	13	12.68	PITT	6	7.36
CHATHAM	3	9.50	POLK	0	0.00
CHEROKEE	2	11.40	RANDOLPH	6	7.03
CHOWAN	0	0.00	RICHMOND	2	4.69
CLAY	0	0.00	ROBESON	2	2.12
CLEVELAND	7	8.97	ROCKINGHAM	8	10.37
COLUMBUS	3	5.84	ROWAN	4	4.20
CrAVEN	3	4.44	RUTHERFORD	4	7.69
CUMBERLAND	4	1.73	SAMPSON	8	16.12
CURRITUCK	0	0.00	SCOTLAND	0	0.00
OARE	1	8.90	STANLY	2	4.36
OAVIOSON	9	8.60	STOKES	1	3.30
OAVIE	6	26.34	SURRY	5	8.90
DUPLIN	2	5.04	SWAIN	2	19.10
DURHAM	7	4.80	TRANSYLVANIA	1	4.51
EDGEcombe	4	7.13	TYRRELL	0	0.00
FORSYTH	28	12.02	UNION	2	3.02
FRANKLIN	1	3.46	VANCE	4	11.51
GASTON	7	4.45	WAKE	14	4.95
GATES	1	11.80	WARREN	1	5.86
GRAHAM	0	0.00	WASHINGTON	1	6.77
GRANVILLE	1	3.07	WATAUGA	0	0.00
GREENE	3	19.50	WAYNE	5	5.39
GUILFORD	19	6.16	WILKES	3	5.36
			WILSON	2	3.22
			YADKIN	2	7.33
			YANCEY	1	6.82

\* SEE SECTION I

TABLE 18  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
DIABETES MELLITUS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE 1979
NORTH CAROLINA	799	14.25	HALIFAX	20	36.
REGIONS			HARNETT	7	12.
DHR I WESTERN	274	14.30	HAYWOOD	12	26.
DHR II N. CENTRAL	164	13.62	HENDERSON	9	17.
DHR III S. CENTRAL	173	13.60	HERTFORD	3	12.
DHR IV EASTERN	188	15.46	HOKE	1	5.
			HYDE	3	52.
HSA I WESTERN	141	14.64	IREDELL	11	13.
HSA II PIEDMONT	142	13.36	JACKSON	2	8.
HSA III S. PIEDMONT	133	13.96	JOHNSTON	17	25.
HSA IV CAPITAL	105	13.60	JONES	5	52.
HSA V CARDINAL	117	13.87	LEE	6	17.
HSA VI EASTERN	161	15.88	LENOIR	9	15.
			LINCOLN	3	7.
COUNTIES			MCDOWELL	4	11.
ALAMANCE	14	14.10	MACON	2	10.
ALEXANDER	3	13.03	MADISON	2	11.
ALLEGHANY	1	11.12	MARTIN	4	15.
ANSON	5	20.75	MECKLENBURG	41	10.
ASHE	5	24.12	MITCHELL	2	14.
AVERY	1	7.09	MONTGOMERY	4	19.
BEAUFORT	11	27.21	MOORE	5	11.
BERTIE	5	23.99	NASH	8	11.
BLADEN	5	17.22	NEW HANOVER	13	13.
BRUNSWICK	3	9.20	NORTHAMPTON	4	17.
BUNCOMBE	24	15.46	ONSLow	4	3.
BURKE	8	12.35	ORANGE	3	4.
CABARRUS	3	3.68	PAMLICO	1	10.
CALDWELL	17	27.67	PASQUOTANK	2	6.
CAMDEN	1	16.86	PENDER	1	4.
CARTERET	7	18.65	PERCUMANS	1	10.
CASWELL	2	10.54	PERSON	3	10.
CATAWBA	13	12.68	PITT	11	13.
CHATHAM	3	9.50	POLK	3	23.
CHEROKEE	3	17.10	RANDOLPH	9	10.
CHOWAN	1	8.32	RICHMOND	6	14.
CLAY	3	50.02	ROBESON	20	21.
CLEVELAND	7	8.97	ROCKINGHAM	15	19.
COLUMBUS	10	19.48	ROWAN	23	24.
CRAVEN	7	10.37	RUTHERFORD	7	13.
CUMBERLAND	12	5.19	SAMPSON	13	26.
CURRITUCK	2	17.79	SCOTLAND	12	39.
DARE	2	17.80	STANLY	7	19.
DAVIDSON	7	6.69	STOKES	2	6.
DAVIE	5	21.95	SURRY	5	8.
DUPLIN	15	37.80	SWAIN	2	19.
DURHAM	23	15.80	TRANSYLVANIA	2	9.
EDGECOMBE	5	8.92	TYRRELL	0	0.
FORSYTH	35	15.03	UNION	12	18.
FRANKLIN	3	10.40	VANCE	5	14.
GASTON	31	19.71	WAKE	31	10.
GATES	1	11.80	WARREN	4	23.
GRAHAM	1	14.01	WASHINGTON	2	13.
GRANVILLE	7	21.50	WATAUGA	4	14.
GREENE	1	6.50	WAYNE	13	14.
GUILFORD	43	13.94	WILKES	3	5.
			WILSON	13	20.
			YADKIN	5	18.
			YANCEY	1	6.

\* SEE SECTION I

TABLE 19  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
PNEUMONIA AND INFLUENZA

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	1053	18.78	HALIFAX	23	41.63
REGIONS			HARNETT	6	10.73
OHR I WESTERN	382	19.94	HAYWOOD	9	20.19
OHR II N. CENTRAL	233	19.36	HENDERSON	9	17.01
OHR III S. CENTRAL	201	15.80	HERTFORD	4	16.06
OHR IV EASTERN	237	19.49	Hoke	2	10.69
			HYOE	1	17.57
HSA I WESTERN	213	22.12	IREDELL	24	29.81
HSA II PIEDMONT	185	17.40	JACKSON	8	32.03
HSA III S. PIEDMONT	169	17.74	JOHNSTON	12	17.89
HSA IV CAPITAL	143	18.53	JONES	3	31.59
HSA V CAROLINA	135	16.01	LEE	5	14.26
HSA VI EASTERN	208	20.52	LENOIR	13	21.93
COUNTIES			LINCOLN	6	15.28
ALAMANCE	18	18.13	MCOWELL	10	28.95
ALEXANDER	3	13.03	MACON	10	50.18
ALLEGHANY	4	44.51	MAISON	9	52.07
ANSON	7	29.05	MARTIN	7	27.52
ASHE	4	19.30	MECKLENBURG	55	14.20
AVERY	5	35.45	MITCHELL	6	43.24
BEAUFORT	14	34.64	MONTGOMERY	7	34.91
BERTIE	7	33.59	MOORE	8	17.77
BLOOM	11	37.88	NASH	6	8.87
BRUNSWICK	2	6.13	NEW HANOVER	18	18.70
BUNCOMBE	49	31.58	NORTHAMPTON	6	25.94
BURKE	17	26.24	ONslow	9	7.92
CABARRUS	16	19.66	ORANGE	13	18.73
CALDWELL	6	9.76	PAMLICO	0	0.00
CAMDEN	1	16.86	PASQUOTANK	12	41.68
CARTERET	14	37.31	PENDER	4	18.13
CASWELL	1	5.27	PERQUIMANS	2	21.98
CATAWBA	9	8.78	PERSON	1	3.63
CHATHAM	4	12.66	PITT	17	20.85
CHEROKEE	2	11.40	POLK	7	55.49
CHOWAN	3	24.97	RANDOLPH	16	18.76
CLAY	1	16.67	RICHMOND	4	9.39
CLEVELAND	11	14.10	ROBESON	20	21.21
COLUMBUS	5	9.74	ROCKINGHAM	14	18.16
CRAVEN	9	13.33	ROWAN	24	25.24
CUMBERLAND	30	12.98	RUTHERFORD	11	21.17
CURRITUCK	2	17.79	SAMPSON	4	8.06
DARE	1	8.90	SCOTLAND	7	22.82
DAVISON	19	18.16	STANLY	8	17.46
DAVIE	8	35.12	STOKES	7	23.12
DUPLIN	2	5.04	SURRY	15	26.71
DURHAM	23	15.80	SWAIN	2	19.10
EDGEcombe	14	24.97	TRANSYLVANIA	2	9.03
FORSYTH	42	18.03	TYRRELL	1	24.76
FRANKLIN	9	31.20	UNION	10	15.13
GASTON	26	16.53	VANCE	10	28.77
GATES	0	0.00	WAKE	38	13.46
GRAHAM	0	0.00	WARREN	10	58.64
GRANVILLE	18	55.30	WASHINGTON	6	40.65
GREENE	1	6.50	WATAUGA	7	25.20
GUILFORD	43	13.94	WAYNE	15	16.19
			WILKES	8	14.31
			WILSON	15	24.16
			YADKIN	2	7.33
			YANCEY	4	27.31

\* SEE SECTION I



TABLE 20  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
CHRONIC OBSTRUCTIVE PULMONARY DISEASES

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE*
NORTH CAROLINA	1088	19.40	HALIFAX	11	1
REGIONS			HARNETT	10	1
DHR I WESTERN	408	21.30	HAYWOOD	18	4
DHR II N. CENTRAL	260	21.60	HENDERSON	18	3
DHR III S. CENTRAL	222	17.45	HERTFORD	5	2
DHR IV EASTERN	198	16.28	Hoke	0	
			HYDE	2	3
HSA I WESTERN	241	25.03	IREDELL	18	2
HSA II PIEDMONT	232	21.82	JACKSON	3	1
HSA III S. PIEDMONT	167	17.53	JOHNSTON	17	2
HSA IV CAPITAL	149	19.31	JONES	2	2
HSA V CARDINAL	143	16.96	LEE	11	3
HSA VI EASTERN	156	15.39	LENOIR	8	1
			LINCOLN	7	1
COUNTIES			MCDOWELL	15	4
ALAMANCE	18	18.13	MACON	5	2
ALEXANDER	5	21.72	MADISON	4	2
ALLEGHANY	3	33.38	MARTIN	1	
ANSON	4	16.60	MECKLENBURG	71	1
ASHE	6	28.95	MITCHELL	6	4
AVERY	8	56.72	MONTGOMERY	4	1
BEAUFORT	8	19.79	MOORE	16	3
BERTIE	0	0.00	NASH	16	2
BLADEN	10	34.44	NEW HANOVER	15	1
BRUNSWICK	9	27.60	NORTHAMPTON	4	1
BUNCOMBE	47	30.29	ONSLow	5	
BURKE	10	15.44	ORANGE	15	2
CABARRUS	16	19.66	PAMLICO	1	1
CALDWELL	12	19.53	PASQUOTANK	4	1
CAMDEN	2	33.72	PENDER	7	3
CARTERET	6	15.99	PERQUIMANS	1	1
CASWELL	3	15.81	PERSON	4	1
CATAWBA	12	11.70	PITT	13	1
CHATHAM	11	34.84	POLK	7	5
CHEROKEE	6	34.21	RANDOLPH	14	1
CHOWAN	1	8.32	RICHMOND	11	2
CLAY	1	16.67	ROBESON	11	1
CLEVELAND	17	21.80	ROCKINGHAM	22	2
COLUMBUS	11	21.43	ROWAN	19	1
Craven	10	14.81	RUTHERFORD	9	1
CUMBERLAND	22	9.52	SAMPSON	8	1
CURRITUCK	4	35.59	SCOTLAND	5	1
DARE	2	17.80	STANLY	8	1
DAVIDSON	26	24.85	STOKES	10	3
DAVIE	5	21.95	SURRY	23	4
DUPLIN	10	25.20	SWAIN	2	1
DURHAM	35	24.04	TRANSYLVANIA	5	2
EDGEcombe	10	17.84	TYRRELL	1	2
FORSYTH	49	21.04	UNION	7	1
FRANKLIN	7	24.27	VANCE	7	2
GASTON	21	13.35	WAKE	32	1
GATES	1	11.80	WARREN	2	1
GRAHAM	2	28.03	WASHINGTON	2	1
GRANVILLE	8	24.57	WATAUGA	11	3
GREENE	2	13.00	WAYNE	7	7
GUILFORD	55	17.84	WILKES	7	1
			WILSON	17	2
			YADKIN	7	2
			YANCEY	2	1

\* SEE SECTION I

TABLE 21

## MORTALITY STATISTICS FOR 1979

## NORTH CAROLINA RESIDENTS

## CHRONIC LIVER DISEASE AND CIRRHOSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	711	12.68	HALIFAX	12	21.72
REGIONS			HARNETT	8	14.31
DHR I WESTERN	248	12.94	HAYWOOD	5	11.22
DHR II N. CENTRAL	158	13.12	HENDERSON	9	17.01
DHR III S. CENTRAL	144	11.32	HERTFORD	3	12.04
DHR IV EASTERN	161	13.24	HOKE	2	10.69
			HYDE	0	0.00
HSA I WESTERN	124	12.87	IREDELL	12	14.90
HSA II PIEDMONT	131	12.32	JACKSON	4	16.01
HSA III S. PIEDMONT	124	13.01	JOHNSTON	6	8.94
HSA IV CAPITAL	91	11.79	JONES	2	21.06
HSA V CARDINAL	108	12.80	LEE	1	2.85
HSA VI EASTERN	133	13.12	LENOIR	9	15.18
COUNTIES			LINCOLN	2	5.09
ALAMANCE	11	11.08	MCDOWELL	3	8.68
ALEXANDER	2	8.68	MACON	2	10.03
ALLEGHANY	1	11.12	MADISON	0	0.00
ANSON	4	16.60	MARTIN	2	7.86
ASHE	1	4.82	MECKLENBURG	60	15.50
AVERY	1	7.09	MITCHELL	1	7.20
BEAUFORT	5	12.37	MONTGOMERY	2	9.97
BERTIE	5	23.99	MOORE	9	19.99
BLADEN	2	6.88	NASH	6	8.87
BRUNSWICK	2	6.13	NEW HANOVER	16	16.63
BUNCOMBE	25	16.11	NORTHAMPTON	2	8.64
BURKE	7	10.80	ONSLOW	9	7.92
CABARRUS	8	9.83	ORANGE	7	10.08
CALDWELL	10	16.27	PAMLICO	1	10.02
CAMDEN	0	0.00	PASQUOTANK	3	10.42
CARTERET	4	10.66	PENDER	3	13.59
CASWELL	0	0.00	PERQUIMANS	2	21.98
CATAWBA	18	17.56	PERSON	7	25.44
CHATHAM	0	0.00	PITT	9	11.04
CHEROKEE	0	0.00	POLK	2	15.85
CHOWAN	0	0.00	RANDOLPH	5	5.86
CLAY	2	33.35	RICHMOND	9	21.14
CLEVELAND	8	10.26	ROBESON	12	12.72
COLUMBUS	7	13.63	ROCKINGHAM	11	14.27
CRAVEN	8	11.85	ROWAN	10	10.51
CUMBERLAND	24	10.38	RUTHERFORD	4	7.69
CURRITUCK	0	0.00	SAMPSON	4	8.06
DARE	5	44.52	SCOTLAND	4	13.04
DAVIDSON	11	10.51	STANLY	5	10.91
DAVIE	1	4.39	STOKES	3	9.91
DUPLIN	7	17.64	SURRY	8	14.24
DURHAM	16	10.99	SWAIN	4	38.20
EDGECOMBE	5	8.92	TRANSYLVANIA	5	22.57
FORSYTH	32	13.74	TYRRELL	1	24.76
FRANKLIN	5	17.33	UNION	3	4.54
GASTON	24	15.26	VANCE	8	23.02
GATES	0	0.00	WAKE	34	12.04
GRAHAM	0	0.00	WARREN	2	11.72
GRANVILLE	5	15.36	WASHINGTON	3	20.32
GREENE	3	19.50	WATAUGA	5	18.00
GUILFORD	44	14.27	WAYNE	12	12.95
			WILKES	5	8.94
			WILSON	15	24.16
			YADKIN	5	18.34
			YANCEY	0	0.00

\* SEE SECTION I

TABLE 22

## MORTALITY STATISTICS FOR 1979

## NORTH CAROLINA RESIDENTS

## NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	445	7.93	HALIFAX	4	7.2
REGIONS			HARNETT	5	8.5
DHR I WESTERN	137	7.15	HAYWOOD	1	2.2
DHR II N. CENTRAL	97	8.06	HENDERSON	2	3.7
DHR III S. CENTRAL	110	8.64	HERTFORD	3	12.0
DHR IV EASTERN	101	8.30	HOKE	2	10.6
			HYDE	1	17.5
HSA I WESTERN	54	5.60	IREDELL	7	8.6
HSA II PIEDMONT	82	7.71	JACKSON	1	4.0
HSA III S. PIEDMONT	83	8.71	JOHNSTON	7	10.4
HSA IV CAPITAL	66	8.55	JONES	0	0.0
HSA V CARDINAL	72	8.53	LEE	5	14.2
HSA VI EASTERN	88	8.68	LENOIR	7	11.8
COUNTIES			LINCOLN	1	2.5
ALAMANCE	7	7.05	MCDOWELL	5	14.4
ALEXANDER	4	17.37	MACON	4	20.0
ALLEGHANY	1	11.12	MADISON	2	11.5
AMSON	3	12.45	MARTIN	7	27.5
ASHE	2	9.65	MECKLENBURG	29	7.4
AVERY	1	7.09	MITCHELL	2	14.4
BEAUFORT	4	9.89	MONTGOMERY	5	24.9
BERTIE	1	4.79	MOORE	7	15.5
BLADEN	4	13.77	NASH	3	4.4
BRUNSWICK	1	3.06	NEW HANOVER	5	5.1
BUNCOMBE	10	6.44	NORTHAMPTON	4	17.2
BURKE	2	3.08	ONSLOW	4	3.5
CABARRUS	3	3.68	ORANGE	5	7.2
CALDWELL	3	4.88	PAMLICO	2	20.0
CAMDEN	0	0.00	PASQUOTANK	3	10.4
CARTERET	3	7.99	PENDER	1	4.5
CASWELL	2	10.54	PERQUIMANS	4	43.9
CATAWBA	5	4.87	PERSON	0	0.0
CHATHAM	3	9.50	PITT	5	6.1
CHEROKEE	0	0.00	POLK	1	7.9
CHOWAN	1	8.32	RANDOLPH	5	5.8
CLAY	0	0.00	RICHMOND	6	14.0
CLEVELAND	1	1.28	ROBESON	11	11.6
COLUMBUS	6	11.68	ROCKINGHAM	11	14.2
Craven	6	8.89	ROWAN	8	8.4
CUMBERLAND	9	3.89	RUTHERFORD	1	1.9
CURRITUCK	1	8.89	SAMPSON	3	6.0
DARE	1	8.90	SCOTLAND	4	13.0
DAVIDSON	8	7.64	STANLY	7	15.2
DAVIE	2	8.78	STOKES	3	9.9
DUPLIN	3	7.56	SURRY	4	7.1
DURHAM	17	11.67	SWAIN	0	0.0
EDGEcombe	1	1.78	TRANSYLVANIA	1	4.5
FORSYTH	13	5.58	TYFRELL	0	0.0
FRANKLIN	2	6.93	UNION	8	12.1
GASTON	20	12.71	VANCE	3	8.6
GATES	1	11.80	WAKE	14	4.9
GRAHAM	1	14.01	WARREN	5	29.3
GRANVILLE	5	15.36	WASHINGTON	2	13.5
GREENE	3	19.50	WATAUGA	0	0.0
GUILFORD	25	8.10	WAYNE	9	9.7
			WILKES	4	7.1
			WILSON	5	8.0
			YADKIN	2	7.3
			YANCEY	0	0.0

\* SEE SECTION I



TABLE 23  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
MOTOR VEHICLE ACCIDENTS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	1537	27.41	HALIFAX	18	32.58
REGIONS			HARNETT	28	50.10
DHR I WESTERN	475	24.80	HAYWOOD	9	20.19
DHR II N. CENTRAL	340	28.25	HENDERSON	11	20.79
DHR III S. CENTRAL	376	29.56	HERTFORD	5	20.07
DHR IV EASTERN	346	28.46	HOKE	9	48.11
			HYDE	2	35.14
HSA I WESTERN	253	26.27	IREDELL	19	23.60
HSA II PIEDMONT	288	27.09	JACKSON	6	24.02
HSA III S. PIEDMONT	222	23.30	JOHNSTON	28	41.75
HSA IV CAPITAL	195	25.27	JONES	1	10.53
HSA V CARDINAL	281	33.32	LEE	9	25.68
HSA VI EASTERN	298	29.40	LENOIR	18	30.37
COUNTIES			LINCOLN	15	38.20
ALAMANCE	29	29.21	MCDOWELL	10	28.95
ALEXANDER	11	47.79	MACON	4	20.07
ALLFGHANY	3	33.38	MADISON	3	17.35
ANSON	5	20.75	MARTIN	5	19.66
ASHE	4	19.30	MECKLENBURG	76	19.63
AVERY	6	42.54	MITCHELL	4	28.82
BEAUFORT	12	29.69	MONTGOMERY	7	34.91
BERTIE	11	52.78	MOORE	17	37.76
BLADEN	10	34.44	NASH	28	41.43
BRUNSWICK	7	21.47	NEW HANOVER	20	20.78
BUNCOMBE	38	24.49	NORTHAMPTON	5	21.61
BURKE	10	15.44	ONSLOW	18	15.85
CABARRUS	17	20.89	ORANGE	17	24.49
CALDWELL	23	37.44	PAMLICO	7	70.17
CAMDEN	2	33.72	PASQUOTANK	4	13.89
CARTERET	12	31.98	PENDER	8	36.26
CASWELL	6	31.63	PERQUIMANS	3	32.97
CATAWBA	28	27.32	PERSON	8	29.08
CHATHAM	11	34.84	PITT	25	30.66
CHEROKEE	5	28.51	POLK	0	0.00
CHOWAN	2	16.65	RANDOLPH	34	39.88
CLAY	2	33.35	RICHMOND	15	35.23
CLEVELAND	18	23.08	ROBEESON	45	47.73
COLUMBUS	13	25.32	ROCKINGHAM	24	31.13
Craven	17	25.18	ROWAN	16	16.82
CUMBERLAND	70	30.30	RUTHERFORD	16	30.79
CURRITUCK	4	35.59	SAMPSON	17	34.27
DARE	3	26.71	SCOTLAND	10	32.61
DAVIDSON	35	33.46	STANLY	12	26.19
DAVIE	5	21.95	STOKES	10	33.04
DUPLIN	9	22.68	SURRY	11	19.59
DURHAM	20	13.74	SWAIN	2	19.10
EDGEcombe	17	30.33	TRANSYLVANIA	7	31.60
FORSYTH	50	21.47	TYRRELL	1	24.76
FRANKLIN	18	62.41	UNION	11	16.65
GASTON	56	35.61	VANCE	11	31.65
GATES	0	0.00	WAKE	58	20.54
GRAHAM	3	42.04	WARREN	6	35.18
GRANVILLE	9	27.65	WASHINGTON	2	13.55
GREENE	14	91.01	WATAUGA	7	25.20
GUILFORD	75	24.32	WAYNE	33	35.63
			WILKES	18	32.21
			WILSON	20	32.22
			YADKIN	9	33.01
			YANCEY	5	34.14

\* SEE SECTION I

TABLE 24

## MORTALITY STATISTICS FOR 1979

## NORTH CAROLINA RESIDENTS

## ALL OTHER ACCIDENTS AND ADVERSE EFFECTS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	1512	26.97	HALIFAX	14	25.3
REGIONS			HARNETT	14	25.0
OHR I WESTERN	518	27.04	HAYWOOD	12	26.9
OHR II N. CENTRAL	304	25.26	HENDERSON	17	32.1
OHR III S. CENTRAL	340	26.73	HERTFORD	4	16.0
OHR IV EASTERN	350	28.79	Hoke	10	53.4
			HYOE	3	52.7
HSA I WESTERN	292	30.32	IREDELL	14	17.3
HSA II PIEDMONT	255	23.99	JACKSON	4	16.0
HSA III S. PIEDMONT	226	23.72	JOHNSTON	22	32.8
HSA IV CAPITAL	196	25.40	JONES	6	63.1
HSA V CAROLINA	265	31.43	LEE	6	17.1
HSA VI EASTERN	278	27.43	LENOIR	17	28.6
			LINCOLN	11	28.0
COUNTIES			MCDOWELL	10	28.9
ALAMANCE	22	22.16	MACON	7	35.1
ALEXANDER	6	26.06	MAISON	6	34.7
ALLEGHANY	2	22.25	MARTIN	9	35.3
ANSON	10	41.50	MECKLENBURG	77	19.8
ASHE	4	19.30	MITCHELL	5	36.0
AVERY	3	21.27	MONTGOMERY	4	19.9
BEAUFORT	12	29.69	MOORE	14	31.1
BERTIE	9	43.19	NASH	28	41.4
BLADEN	7	24.10	NEW HANOVER	35	36.3
BRUNSWICK	6	18.40	NORTHAMPTON	7	30.2
BUNCOMBE	44	28.36	ONSLow	11	9.6
BURKE	25	38.60	ORANGE	16	23.0
CABARRUS	21	25.80	PAMLICO	3	30.0
CALOWELL	18	29.30	PASQUOTANK	11	38.2
CAMDEN	6	101.16	PENDER	6	27.1
CARTERET	15	39.98	PERQUIMANS	1	10.9
CASWELL	2	10.54	PERSON	10	36.3
CATAWBA	26	25.36	PITT	28	34.3
CHATHAM	6	19.00	POLK	5	39.6
CHEROKEE	7	39.91	RANDOLPH	15	17.5
CHOWAN	5	41.62	RICHMOND	13	30.5
CLAY	3	50.02	ROBESON	31	32.8
CLEVELAND	23	29.49	ROCKINGHAM	22	28.5
COLUMBUS	25	48.70	ROWAN	28	29.4
Craven	10	14.81	RUTHERFORD	21	40.4
CUMBERLAND	54	23.37	SAMPSON	22	44.3
CURRITUCK	1	8.89	SCOTLAND	14	45.6
DARE	4	35.61	STANLY	17	37.1
DAVISON	22	21.03	STOKES	11	36.3
DAVIE	3	13.17	SURRY	14	24.9
DUPLIN	10	25.20	SWAIN	3	28.6
DURHAM	38	26.10	TRANSYLVANIA	4	18.0
EDGEcombe	11	19.62	TYRRELL	0	0.0
FORSYTH	67	28.77	UNION	13	19.6
FRANKLIN	12	41.60	VANCE	6	17.2
GASTON	45	28.61	WAKE	59	20.9
GATES	0	0.00	WARREN	5	29.3
GRAHAM	6	84.09	WASHINGTON	5	33.8
GRANVILLE	16	49.15	WATAUGA	14	50.4
GREENE	5	32.50	WAYNE	25	26.9
GUILFORD	73	23.67	WILKES	14	25.0
			WILSON	18	28.9
			YADKIN	4	14.6
			YANCEY	3	20.4

\* SEE SECTION I

TABLE 25  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
SUICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	703	12.54	HALIFAX	5	9.05
REGIONS			HARNETT	11	19.68
DHR I WESTERN	256	13.36	HAYWOOD	6	13.46
DHR II N. CENTRAL	182	15.12	HENDERSON	4	7.56
DHR III S. CENTRAL	130	10.22	HERTFORD	3	12.04
DHR IV EASTERN	135	11.10	HOKE	2	10.69
			HYDE	0	0.00
HSA I WESTERN	128	13.29	IREDELL	10	12.42
HSA II PIEDMONT	152	14.30	JACKSON	4	16.01
HSA III S. PIEDMONT	128	13.43	JOHNSTON	11	16.40
HSA IV CAPITAL	98	12.70	JONES	2	21.06
HSA V CARDINAL	83	9.84	LEE	2	5.70
HSA VI EASTERN	114	11.24	LENOIR	10	16.87
COUNTIES			LINCOLN	5	12.73
ALAMANCE	14	14.10	MCDOWELL	5	14.47
ALEXANDER	2	8.68	MACON	2	10.03
ALLEGHANY	5	55.64	MADISON	2	11.57
ANSON	1	4.15	MARTIN	2	7.86
ASHE	4	19.30	MECKLENBURG	51	13.17
AVERY	2	14.18	MITCHELL	0	0.00
BEAUFORT	4	9.89	MONTGOMERY	2	9.97
BERTIE	2	9.59	MOORE	3	6.66
BLADEN	5	17.22	NASH	13	19.23
BRUNSWICK	4	12.26	NEW HANOVER	9	9.35
BUNCOMBE	18	11.60	NORTHAMPTON	2	8.64
RURKE	5	7.72	ONSLow	6	5.28
CARRARRUS	11	13.51	ORANGE	6	8.64
CALDWELL	9	14.65	PAMLICO	0	0.00
CAMDEN	1	16.86	PASQUOTANK	3	10.42
CARTERET	5	13.32	PENDER	3	13.59
CASWELL	4	21.09	PERQUIMANS	0	0.00
CATAWBA	11	10.73	PERSON	8	29.08
CHATHAM	5	15.83	PITT	13	15.94
CHEROKEE	3	17.10	POLK	1	7.92
CHOWAN	0	0.00	RANDOLPH	12	14.07
CLAY	2	33.35	RICHMOND	4	9.39
CLEVELAND	12	15.39	ROBESON	7	7.42
COLUMBUS	5	9.74	ROCKINGHAM	16	20.75
CRIVEN	5	7.40	ROWAN	13	13.67
CUMBERLAND	18	7.79	RUTHERFORD	5	9.62
CURRITUCK	2	17.79	SAMPSON	7	14.11
DARE	1	8.90	SCOTLAND	2	6.52
DAVIDSON	13	12.42	STANLY	4	8.73
DAVIE	2	8.78	STOKES	4	13.21
DUPLIN	2	5.04	SURRY	10	17.81
DURHAM	13	8.93	SWAIN	4	38.20
EDGEcombe	2	3.56	TRANSYLVANIA	1	4.51
FORSYTH	39	16.74	TYRRELL	0	0.00
FRANKLIN	7	24.27	UNION	15	22.70
GASTON	19	12.08	VANCE	7	20.14
GATES	1	11.80	WAKE	31	10.98
GRAHAM	2	28.03	WAPREN	4	23.45
GRANVILLE	4	12.28	WASHINGTON	2	13.55
GREENE	2	13.00	WATAUGA	10	36.01
GUILFORD	34	11.02	WAYNE	10	10.79
			WILKES	9	16.10
			WILSON	16	25.77
			YADKIN	4	14.67
			YANCEY	0	0.00

\* SEE SECTION I



TABLE 26  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
HOMICIDE

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	667	11.89	HALIFAX	4	7.2
REGIONS			HARNETT	8	14.3
DHR I WESTERN	210	10.96	HAYWOOD	1	2.2
OHR II N. CENTRAL	133	11.05	HENDERSON	1	1.8
OHR III S. CENTRAL	183	14.38	HERTFORD	2	8.0
OHR IV EASTERN	141	11.59	HOKE	2	10.6
			HYDE	0	0.0
HSA I WESTERN	80	8.30	TREDELL	7	8.6
HSA II PIEDMONT	112	10.53	JACKSON	2	8.0
HSA III S. PIEDMONT	130	13.64	JOHNSTON	9	13.4
HSA IV CAPITAL	109	14.12	JONES	1	10.5
HSA V CARDINAL	118	13.99	LEE	4	11.4
HSA VI EASTERN	118	11.64	LENOIR	7	11.8
			LINCOLN	5	12.7
COUNTIES			MCDOWELL	2	5.7
ALAMANCE	14	14.10	MACON	0	0.0
ALEXANDER	2	8.68	MAISON	2	11.5
ALLEGHANY	0	0.00	MARTIN	0	0.0
ANSON	2	8.30	MECKLENBURG	64	16.5
ASHE	2	9.65	MITCHELL	0	0.0
AVERY	2	14.18	MONTGOMERY	8	39.9
BEAUFORT	5	12.37	MOORE	7	15.5
BERTIE	1	4.79	NASH	6	8.8
BLOEN	7	24.10	NEW HANOVER	8	8.3
BRUNSWICK	2	6.13	NORTHAMPTON	5	21.6
BUNCOMBE	15	9.66	ONSLOW	8	7.0
BURKE	3	4.63	ORANGE	5	7.2
CABARRUS	9	11.06	PAMLICO	0	0.0
CALDWELL	8	13.02	PASQUOTANK	5	17.3
CAMDEN	0	0.00	PENDER	2	9.0
CARTERET	5	13.32	PERQUIMANS	2	21.9
CASWELL	4	21.09	PERSON	3	10.9
CATAWBA	7	6.83	PITT	8	9.8
CHATHAM	9	28.50	POLK	0	0.0
CHEROKEE	0	0.00	RANDOLPH	12	14.0
CHOWAN	1	8.32	RICHMOND	10	23.4
CLAY	1	16.67	ROBESON	10	10.6
CLEVELAND	10	12.82	ROCKINGHAM	8	10.3
COLUMBUS	11	21.43	ROWAN	8	8.4
CRAVEN	8	11.85	RUTHERFORD	7	13.4
CUMBERLAND	37	16.01	SAMPSON	3	6.0
CURRITUCK	1	8.89	SCOTLAND	1	3.2
DARE	0	0.00	STANLY	2	4.3
DAVISON	15	14.34	STOKES	2	6.6
OAVIE	1	4.39	SURRY	5	8.9
OUPLIN	5	12.60	SWAIN	1	9.5
OURHAM	29	19.92	TRANSYLVANIA	3	13.5
EDGEcombe	9	16.05	TYRRELL	1	24.7
FORSYTH	13	5.58	UNION	6	9.0
FRANKLIN	10	34.67	VANCE	3	8.6
GASTON	29	18.44	WAKE	32	11.3
GATES	0	0.00	WARREN	2	11.7
GRAHAM	0	0.00	WASHINGTON	0	0.0
GRANVILLE	3	9.21	WATAUGA	3	10.8
GREENE	2	13.00	WAYNE	20	21.5
GUILFORD	37	12.00	WILKES	7	12.5
			WILSON	12	19.3
			YADKIN	1	3.6
			YANCEY	1	6.8

\* SEE SECTION I

TABLE 27  
MORTALITY STATISTICS FOR 1979  
NORTH CAROLINA RESIDENTS  
INFANT DEATHS

GEOGRAPHICAL AREA	NUMBER OF DEATHS 1979	DEATH RATE* 1979	COUNTIES (CONT'D)	NUMBER OF DEATHS 1979	DEATH RATE* 1979
NORTH CAROLINA	1270	15.15	HALIFAX	21	23.70
REGIONS			HARNETT	17	17.81
DHR I WESTERN	387	14.39	HAYWOOD	7	14.92
DHR II N. CENTRAL	208	13.20	HENDERSON	8	10.97
DHR III S. CENTRAL	341	16.30	HERTFORD	10	26.73
DHR IV EASTERN	334	16.51	HOKE	7	19.49
HSA I WESTERN	173	13.30	HYDE	2	25.97
HSA II PIEDMONT	181	13.16	IREDELL	21	18.85
HSA III S. PIEDMONT	214	15.41	JACKSON	5	18.79
HSA IV CAPITAL	158	14.75	JOHNSTON	13	14.57
HSA V CARDINAL	245	16.05	JONES	3	23.07
HSA VI EASTERN	299	17.40	LEE	11	18.21
COUNTIES			LENOIR	16	18.20
ALAMANCE	19	17.35	LINCOLN	11	19.23
ALEXANDER	3	8.28	MCDOWELL	4	8.24
ALLEGHANY	0	0.00	MACON	1	4.67
ANSON	4	10.78	MADISON	0	0.00
ASHE	5	17.85	MARTIN	10	26.73
AVERY	3	14.70	MECKLENBURG	93	15.61
BEAUFORT	11	17.29	MITCHELL	3	18.07
BERTIE	10	33.44	MONTGOMERY	5	16.23
BLADEN	8	18.51	MOORE	13	18.57
BRUNSWICK	3	6.39	NASH	23	22.35
BUNCOMBE	26	12.83	NEW HANOVER	18	13.10
BURKE	15	16.25	NORTHAMPTON	6	18.69
CABARRUS	16	14.02	ONSLOW	30	10.69
CALDWELL	13	14.03	ORANGE	18	20.97
CAMDEN	1	11.76	PAMLICO	2	16.00
CARTERET	10	18.18	PASQUOTANK	12	28.16
CASWELL	4	15.93	PENDER	3	8.82
CATAWBA	22	15.32	PERQUIMANS	3	22.05
CHATHAM	6	13.24	PERSON	7	18.13
CHEROKEE	4	18.77	PITT	26	19.80
CHOWAN	5	27.17	POLK	3	20.27
CLAY	2	25.64	RANDOLPH	17	15.48
CLEVELAND	21	17.82	RICHMOND	14	19.12
COLUMBUS	11	12.70	ROBESON	35	18.57
CRAVEN	24	16.77	ROCKINGHAM	20	18.99
CUMBERLAND	75	14.62	ROWAN	9	7.06
CURRITUCK	0	0.00	RUTHERFORD	9	12.06
DAFE	3	15.95	SAMPSON	19	24.29
DAVIDSON	12	8.38	SCOTLAND	13	23.09
DAVIE	1	3.55	STANLY	12	18.72
DUPLIN	4	7.15	STOKES	6	15.34
DURHAM	33	16.18	SURRY	14	18.06
EDGEcombe	11	11.91	SWAIN	1	6.13
FORSYTH	41	13.73	TRANSYLVANIA	2	6.49
FRANKLIN	3	7.33	TYRRELL	1	18.18
GASTON	35	16.00	UNION	17	17.03
GATES	5	43.85	VANCE	10	17.69
GRAHAM	1	9.34	WAKE	50	12.98
GRANVILLE	6	14.70	WARREN	1	4.08
GREENE	5	22.12	WASHINGTON	5	21.00
GUILFORD	45	11.07	WATAUGA	1	3.07
			WAYNE	27	15.97
			WILKES	13	17.21
			WILSON	13	13.61
			YADKIN	2	6.25
			YANCEY	1	5.31

\* SEE SECTION I





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